

REDACTED VERSION

PLM SOIL SAMPLING ANALYTICAL RESULTS
JUL 2, 1998 - FEB 5, 1999

EMSL Analytical, Inc.

6330 E 75th St, Suite 152

Indianapolis, IN 46250

Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn Chris Sansome
Ecology & Environment
11550 New Castle Avenue
Suite 250
Baton Rouge, LA 70816

Thursday, July 02, 1998

Ref Number IN982176

REC'D JUL 07 1998

POLARIZED LIGHT MICROSCOPY (PLM)


Performed by EPA 600/R-93/116 Method*

Project 020601RAG01 - WESTBANK ASBESTOS

| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | ASBESTOS | | NONASBESTOS | |
|------------|----------|-------------------------------------|---------------------|----------|------------|-------------|--------------------|
| | | | | % | TYPE | % | FIBROUS NONFIBROUS |
| WBS1690G14 | (b) (6) | Brown Non Fibrous Homogeneous | Crushed | 2% | Chrysotile | | 98% Other |
| WBS1690G15 | | Brown Non Fibrous Homogeneous | Crushed | 2% | Chrysotile | | 98% Other |
| WBS1690G16 | | Brown Non Fibrous Homogeneous | Crushed | 2% | Chrysotile | | 98% Other |
| WBS1860G01 | | Brown Non Fibrous Homogeneous | Crushed | 2% | Chrysotile | | 98% Other |
| WBS1860G02 | | Brown Non Fibrous Homogeneous | Crushed | 2% | Chrysotile | | 98% Other |
| WBS1919G01 | | Brown Non Fibrous Homogeneous | Crushed | 2% | Chrysotile | | 98% Other |

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

NY samples also analyzed by ELAP 198 1 Method



Jane Wasilewski
Analyst



Approved
Signatory

Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos Thus negative PLM results cannot be guaranteed Samples reported as <1% or none detected should be tested with either SEM or TEM The above test report relates only to the items tested This report may only be reproduced in part with written approval by EMSL The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government All NVLAP reports with NVLAP logo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples

Analysis performed by EMSL Indianapolis (NVLAP Air and Bulk #200188 0)

EMSL Analytical, Inc.

6550 E 75th St, Suite 152

Indianapolis, IN 46250

Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn Chris Sansome
Ecology & Environment
11550 New Castle Avenue
Suite 250
Baton Rouge, LA 70816

Thursday, July 02, 1998

Ref Number IN982176

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601RAG01 - WESTBANK ASBESTOS

| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | <u>ASBESTOS</u> | | <u>NONASBESTOS</u> | |
|-----------------|----------|-------------------------------------|---------------------|-----------------|-------------|--------------------|----------------------|
| | | | | % | TYPE | % | FIBROUS % NONFIBROUS |
| WBS1919G02 | (b) (6) | Brown Non Fibrous Homogeneous | Crushed | None Detected | | 100% Other | |
| WBS1855G01 | | Brown Non Fibrous Homogeneous | Crushed | 18% | Chrysotile | 80% | Other |
| | | | | 2% | Crocidolite | | |
| WBS1855G02 | | Brown Non Fibrous Homogeneous | Crushed | < 1% | Chrysotile | 100% | Other |
| | | | | < 1% | Crocidolite | | |
| WBS1849G01 | | Brown Non Fibrous Homogeneous | Crushed | < 1% | Chrysotile | 100% | Other |
| | | | | < 1% | Crocidolite | | |
| WBS1856G01 9 | | Brown Non-Fibrous Homogeneous | Crushed | None Detected | | 100% Other | |
| WBS1856G02 9 | | Brown Non Fibrous Homogeneous | Crushed | None Detected | | 100% Other | |

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

NY samples also analyzed by ELAP 198 1 Method



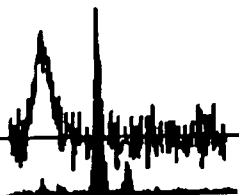
Jane Wasilewski
Analyst



Approved
Signatory

Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos Thus negative PLM results cannot be guaranteed Samples reported as <1% or none detected should be tested with either SEM or TEM The above test report relates only to the items tested This report may only be reproduced in part with written approval by EMSL The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government All NVLAP reports with NVLAP logo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples

Analysis performed by EMSL Indianapolis (NVLAP Air and Bulk #200188-0)



Attn Chris Sansome
Ecology & Environment
11550 New Castle Avenue
Suite 250
Baton Rouge, LA 70816

Thursday, July 02, 1998

Ref Number IN982176

POLARIZED LIGHT MICROSCOPY (PLM)

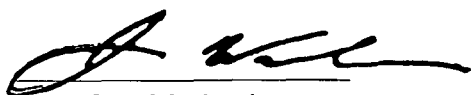
Performed by EPA 600/R-93/116 Method*

Project 020601RAG01 - WESTBANK ASBESTOS

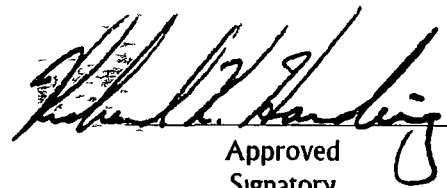
| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | <u>ASBESTOS</u> | | <u>NONASBESTOS</u> | |
|------------|----------|-------------------------------------|---------------------|-------------------------------------|---------------|--------------------|----------------------|
| | | | | % | TYPE | % | FIBROUS % NONFIBROUS |
| WBS1836G01 | | Brown Non Fibrous Homogeneous | Crushed | | None Detected | | 100% Other |
| WBS1074G01 | (b) (6) | Brown Non Fibrous Homogeneous | Crushed | < 1% Chrysotile < 1% Crocidolite | | | 100% Other |
| WBS1074G02 | | Brown Non-Fibrous Homogeneous | Crushed | < 1% Chrysotile < 1% Crocidolite | | | 100% Other |
| WBS1850G01 | | Brown Non Fibrous Homogeneous | Crushed | < 1% Chrysotile < 1% Crocidolite | | | 100% Other |
| WBS1850G02 | | Brown Non Fibrous Homogeneous | Crushed | < 1% Chrysotile < 1% Crocidolite | | | 100% Other |
| WBS1850G03 | | Brown Non Fibrous Homogeneous | Crushed | | None Detected | | 100% Other |

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

NY samples also analyzed by ELAP 198 1 Method



Jane Wasilewski
Analyst


Approved
Signatory

Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All NVLAP reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL Indianapolis (NVLAP Air and Bulk #200188 0)

Attn Chris Sansome
Ecology & Environment
11550 New Castle Avenue
Suite 250
Baton Rouge, LA 70816

Thursday, July 02, 1998

Ref Number IN982176

POLARIZED LIGHT MICROSCOPY (PLM)

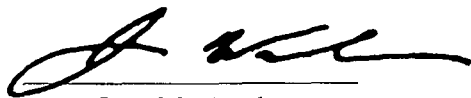
Performed by EPA 600/R-93/116 Method*

Project 020601RAG01 - WESTBANK ASBESTOS

| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | <u>ASBESTOS</u> | | <u>NONASBESTOS</u> | |
|------------|----------|-------------------------------------|---------------------|-----------------|---------------------------|--------------------|----------------------|
| | | | | % | TYPE | % | FIBROUS % NONFIBROUS |
| WBS1838G01 | (b) (6) | Brown Non Fibrous Homogeneous | Crushed | < 1% | Chrysotile Crocidolite | | 100% Other |
| WBS1838G02 | | Brown Non Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

* NY samples also analyzed by ELAP 198-1 Method



Jane Wasilewski
Analyst

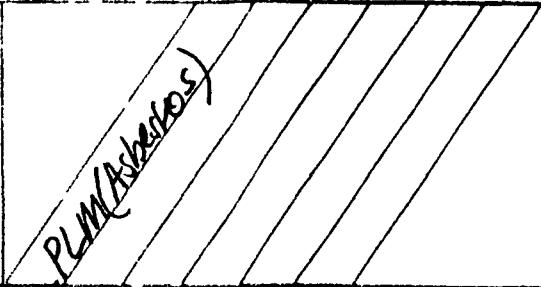
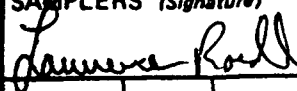

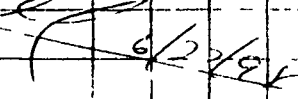
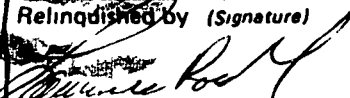


Approved
Signatory

Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos Thus negative PLM results cannot be guaranteed Samples reported as <1% or none detected should be tested with either SEM or TEM The above test report relates only to the items tested This report may only be reproduced in part with written approval by EMSL The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government All NVLAP reports with NVLAP logo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples

Analysis performed by EMSL Indianapolis (NVLAP Air and Bulk #200188 0)

OFFICIAL
CHAIN OF CUSTODY RECORD

| PROJ NO | | PROJECT NAME | | | | NO OF CON TAINERS | REMARKS | | | | | | | | | |
|---|------|-------------------|------|--|------------------|--|---------|-------------|--|-------------------------|--|--|--|--|--|---------------------|
| 020601 | | Westbank Asbestos | | | | | | | | | | | | | | |
| SAMPLERS (Signature) | | | | | | <div style="text-align: center;">  </div> | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | |
| STA NO | DATE | TIME | COMP | GRAB | STATION LOCATION | | | | | | | | | | | |
| WBS 160614 | 6-27 | 1030 | ✓ | | (b) (6) | 1 | ✓ | | | | | | | | | EPATAG# 6-152236 |
| WBS 160615 | ↓ | 1035 | ✓ | | ↓ ↓ | 1 | ✓ | | | | | | | | | 6-152240 |
| WBS 160616 | ↓ | 1040 | ✓ | | ↓ ↓ | 1 | ✓ | | | | | | | | | 6-152241 |
| WBS 1860 G01 | 6-27 | 1145 | ✓ | | (b) (6) | 1 | ✓ | | | | | | | | | 6-152242 |
| WBS 1860 G02 | 6-27 | 1207 | ✓ | | ↓ ↓ | 1 | ✓ | | | | | | | | | 6-152243 |
| WBS 1914 G01 | 6-27 | 1450 | ✓ | | (b) (6) | 1 | ✓ | | | | | | | | | 6-152157 |
| WBS 1914 G02 | 6-27 | 1455 | ✓ | | ↓ ↓ | 1 | ✓ | | | | | | | | | 6-152150 |
|  | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | |
| Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | | | | | |
|  | | 6/27/98 1611 | | | | | | | | | | | | | | |
| Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | | | | | |
| | | | | | | | | | | | | | | | | |
| Relinquished by (Signature) | | Date / Time | | Received for Laboratory by (Signature) | | Date / Time | | Remarks | | | | | | | | |
| Shipped by | | | | Airbill Number | | | | | | | | | | | | |

Distribution White Accompanies Shipment Pink to Coordinator Field Files
Green to Report Yellow Returns with Warrant

ENVIRONMENTAL PROTECTION AGENCY
OFFICIAL
CHAIN OF CUSTODY RECORD

| PROJ NO 620601 | | PROJECT NAME West Bank Asbestos | | | | NO OF CON TAINERS | <div style="border: 1px solid black; padding: 5px; transform: rotate(-45deg); display: inline-block;">PLM (Asbestos)</div> <div style="float: right; text-align: center;">REMARKS</div> | | | | | | | | | | |
|--|---------|---|-----------------------------|------|-------------------------------------|----------------------------|---|-----------------------------|--|---------|-------------|--|-------------------------|--|--|--|-----------------------|
| SAMPLERS (Signature) <i>Laurence Roehl</i> | | | | | | | | | | | | | | | | | |
| STA NO | DATE | TIME | COMP | GRAB | STATION LOCATION | | | | | | | | | | | | |
| WBS 1855G01 | 6/29/98 | 0930 | X | | | 1 | X | | | | | | | | | | EPA TAG # 6-152244 |
| WBS 1855G02 | | 0935 | X | | | 1 | X | | | | | | | | | | 6-152245 |
| WBS 1855G01 | | 10:00 | X | | | 1 | X | | | | | | | | | | 6-152246 |
| WBS 1855G01 | | 11:15 | X | | | 1 | X | | | | | | | | | | 6-152247 |
| WBS 1855G02 | | 11:20 | X | | | 1 | X | | | | | | | | | | 6-152248 |
| WBS 1855G01 | 6/29/98 | 15:30 | X | | | 1 | X | | | | | | | | | | 6-152249 |
| <i>Laurence Roehl</i> 6/29/98 | | | | | | | | | | | | | | | | | |
| Relinquished by (Signature) <i>Laurence Roehl</i> | | | Date / Time 6/29/98 1700 | | Received by (Signature) | | | Relinquished by (Signature) | | | Date / Time | | Received by (Signature) | | | | |
| Relinquished by (Signature) | | | Date / Time | | Received by (Signature) | | | Relinquished by (Signature) | | | Date / Time | | Received by (Signature) | | | | |
| Relinquished by (Signature) | | | Date / Time | | Received for Laboratory (Signature) | | | Date / Time | | Remarks | | | | | | | |
| Shipped by | | | | | Airbill Number | | | | | | | | | | | | |

Distribution White Accompanies Shipment Pink to Coordinat Field File
Green to Report Yellow Returns with Warrant

OFFICIAL
CHAIN OF CUSTODY RECORD

| PROJ NO | | PROJECT NAME | | NO OF CONTAINERS | | REMARKS | |
|---|---------|-----------------------------|------|--|------------------|-----------------------------|------------|
| 02-02061RAG1 | | Westbank Asbestos | | PLM | | | |
| SAMPLERS (Signature) <i>Laurence R. ...</i> | | | | | | | |
| STA NO | DATE | TIME | COMP | GRAB | STATION LOCATION | EPA Tag # | |
| WBS1074 G01 | 6-30-98 | 1115 | X | | (b) (6) | 1 | X 6-152159 |
| WBS1074 G02 | | 1125 | X | | ↓ | 1 | X 6-152160 |
| WBS1850 G01 | | 1445 | X | | (b) (6) | 1 | X 6-152161 |
| WBS1850 G02 | | 1449 | X | | ↓ | 1 | X 6-152162 |
| WBS1850 G03 | | 1454 | X | | ↓ | 1 | X 6-152163 |
| WBS1838 G01 | | 1545 | X | | (b) (6) | 1 | X 6-152164 |
| WBS1838 G02 | | 1549 | X | | ↓ | 1 | X 6-152165 |
| Relinquished by (Signature) <i>Maury ...</i> | | Date / Time 6/30/98 1650 | | Received by (Signature) | | Relinquished by (Signature) | |
| Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | Relinquished by (Signature) | |
| Relinquished by (Signature) | | Date / Time | | Received for Laboratory by (Signature) | | Date / Time | |
| Shipped by | | Airbill Number | | Fed Ex 800858393472 | | Remarks | |

Distribution White Accompanies Shipment Pink to Coordinator Field Files
Green to Report Yellow Returns with Warrant

PLM Analysis Worksheet

Client Ecology & Environment

Logged 7/1/98

TAT 1 Day

Address 11550 New Castle Avenue
Suite 250
Baton Rouge LA 70816
Fax (504) 363 - 4732

Date/Time Due 7/2/98 9 00 AM

Special Handling

Billing Number

IN982176

Project 020601rag1WESTBANK ASBESTOS

| Appearance | | | Treatment | Asbestos Results | Fibrous | | Non Fibrous | | Non Asb Char | Optical Properties | | |
|--|---|---------------------------------------|---|---|---|--|---|--------------------------|--------------------|------------------------------|---|--|
| 1 Brown 2 Grey 3 Tan 4 White 5 Red | 6 Vanous 7 Black 8 Silver 9 Blue 0 Orange | 1 Fibrous 2 Non Fibrous 3 Other | 1 Homogeneous 2 Heterogeneous 3 Other 4 Layers (#) | 1 Teased 2 Crushed 3 Dissolved 4 Ashed | 1 Chrysotile 2 Amosite 3 Anthophyllite 4 Tremolite 5 Actinolite 6 Crocidolite 0 None Detected | 1 Cellulose 2 Glass 3 Min Wool 4 Synthetic 5 Other 6 Wollastonite 7 Hair | 1 Quartz 2 Mica 3 Gypsum 4 Cal Carbonate 5 Matrix 6 Perlite 7 Other | 1 W 2 W 3 S 4 H | | 1 P 2 Low 3 Med 4 H | 1 E 2 Parallel 3 Symmetr 4 Oblique | |
| Sample | Location | Appearance | Treatment | % ASBESTOS | Type | % | Type | % | | | | |
| BS1690 | | 1 | 2 | 1-2% | | | 7 | 98 | | | | |
| G14 | | 2 | | | | | | | | | | |
| | | 1 | | | | | | | | | | |
| 1690 | | 1 | 2 | 1-2% | | | 7 | 98 | | | | |
| G15 | | 2 | | | | | | | | | | |
| | | 1 | | | | | | | | | | |
| 1690 | | 1 | 2 | 1-2% | | | 7 | 98 | | | | |
| G16 | | 2 | | | | | | | | | | |
| | | 1 | | | | | | | | | | |
| 1860 | | 1 | 2 | 1-2% | | | 7 | 98 | | | | |
| G01 | | 2 | | | | | | | | | | |
| | | 1 | | | | | | | | | | |
| 1860 | | 1 | 2 | 1-2% | | | 7 | 98 | | | | |
| G02 | | 2 | | | | | | | | | | |
| | | 1 | | | | | | | | | | |
| 1919 | | 1 | 2 | 1-2% | | | 7 | 98 | | | | |
| G01 | | 2 | | | | | | | | | | |
| | | 1 | | | | | | | | | | |
| 1919 | | 1 | 2 | ND | | | 7 | 100 | | | | |
| G02 | | 2 | | | | | | | | | | |
| | | 1 | | | | | | | | | | |
| 1855 | | 1 | 2 | 1-18% | | | 7 | 80 | | | | |
| G01 | | 2 | | | 6-2% | | | | | | | |
| | | 1 | | | | | | | | | | |

Analyst

Lee J. Harbour

Date

7/2/98

Computer

Il

Date

7/2

EMSL Analytical, Inc.

6330 E 75th St, Suite 152

Indianapolis, IN 46250

Phone (317) 570-5892 Fax (317) 570-5892

EMSL

Attn Chris Sansome

Ecology & Environment

11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Friday, July 03, 1998

Ref Number IN982187

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601RAG01 - WESTBANK ASBESTOS

| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | ASBESTOS | | NONASBESTOS | |
|------------|----------|-------------------------------------|---------------------|---------------------------------|--------------------------------|-------------|------------|
| | | | | % | TYPE | % | FIBROUS |
| WBS1862G01 | (b) (6) | Brown Non Fibrous Homogeneous | Crushed | 2% | Chrysotile | | 98% Other |
| WBS1758G01 | | Brown Non Fibrous Homogeneous | Crushed | | None Detected | | 100% Other |
| WBS1830G01 | | Brown Non Fibrous Homogeneous | Crushed | 5% | Chrysotile | | 95% Other |
| WBS1830G03 | | Brown Non Fibrous Homogeneous | Crushed | 5% | Chrysotile < 1% Crocidolite | | 95% Other |
| WBS1835G01 | | Brown Non Fibrous Homogeneous | Crushed | 5% Chrysotile 2% Crocidolite | | 93% Other | |

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

NY samples also analyzed by ELAP 198-1 Method

Lee J. Harbour

Lee Harbour
Analyst

Robert L. Sandberg

Approved
Signatory

Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All NVLAP reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL Indianapolis (NVLAP Air and Bulk #200188 0)

PLM Analysis Worksheet

Client Ecology & Environment

Logged 7/1/98

TAT 1 Day

Address 11550 New Castle Avenue
Suite 250
Baton Rouge LA 70816
Fax (504) 363 - 4732

Date/Time Due 7/2/98 9 00 AM

Special Handling

Billing Number

IN982176

Project 020601rag1WESTBANK ASBESTOS

| Appearance | | | | Treatment | Asbestos Results | Fibrous | | Non Fibrous | | Optical Properties | | |
|------------|----------|---------------|-----------------|-------------|------------------|----------------|-----------------|-------------|--------------|---|-----|-------|
| 1 Brown | 6 Vanous | 1 Fibrous | 1 Homogeneous | 1 Teased | 1 Chrysotile | 1 Cellulose | 1 Quartz | 1 | 1 | <div>Wave</div> <div>Size grs</div> <div>Specify</div> | | |
| 2 Grey | 7 Black | 2 Non Fibrous | 2 Heterogeneous | 2 Crushed | 2 Amosite | 2 Glass | 2 Mica | 2 | 2 | | | |
| 3 Tan | 8 Silver | 3 Other | 3 Other | 3 Dissolved | 3 Anthophyllite | 3 Man Wool | 3 Gypsum | 3 | 3 | <div>1 Low</div> <div>2 Med</div> <div>3 High</div> | | |
| 4 Whit | 9 Blue | 4 Layers (#) | 4 Layers (#) | 4 Ashed | 4 Tremolite | 4 Synthetic | 4 Cal Carbonate | 4 | 4 | | | |
| 5 Red | 0 Orange | | | | 5 Actinolite | 5 Other | 5 Matrix | 5 | 5 | <div>1 Small</div> <div>2 Medium</div> <div>3 Large</div> | | |
| | | | | | 6 Crocidolite | 6 Wollastonite | 6 Perlite | 6 | 6 | | | |
| | | | | | 0 None Detected | 7 Hair | 7 Other | 7 | 7 | <div>1 Non</div> <div>2 Asb</div> <div>3 Char</div> | | |
| Sample | Location | Appearance | Treatment | % ASBESTOS | Type | % | Type | % | Non Asb Char | | | |
| 1855 | | 1 | | 1 - <1 | | | 7 | 100 | | 154 | 155 | 17117 |
| G02 | | 2 | 2 | 6 - <1 | | | 7 | | | 1 M | 1 S | 2 2 |
| | | 1 | | | | | | | | P 2 | B 1 | 1 1 1 |
| 1849 | | 1 | | 1 - <1 | | | 7 | 100 | | 154 | 155 | 17117 |
| G01 | | 2 | 2 | 6 - <1 | | | | | | 1 M | 1 S | 2 2 |
| | | 1 | | | | | | | | P 2 | B 1 | 1 1 1 |
| 1856 | | 1 | | ND | | | 7 | 100 | | | | |
| G01 | | 2 | 2 | | | | | | | M | S | |
| | | 1 | | | | | | | | P | B | E |
| 1856 | | 1 | | ND | | | 7 | 100 | | | | |
| G02 | | 2 | 2 | | | | | | | M | S | |
| | | 1 | | | | | | | | P | B | E |
| 1856 | | 1 | | ND | | | 7 | 100 | | | | |
| G01 | | 2 | 2 | | | | | | | M | S | |
| | | 1 | | | | | | | | P | B | E |
| 1074 | | 1 | | 1 - <1 | | | 7 | 100 | | 154 | 155 | 17117 |
| G01 | | 2 | 2 | 6 - <1 | | | | | | 1 M | 1 S | 2 2 |
| | | 1 | | | | | | | | P 2 | B 1 | 1 1 1 |
| 1074 | | 1 | | 1 - <1 | | | 7 | 100 | | 154 | 155 | 17117 |
| G02 | | 2 | 2 | 6 - <1 | | | | | | 1 M | 1 S | 2 2 |
| | | 1 | | | | | | | | P 2 | B 1 | 1 1 1 |
| 1850 | | 1 | | 1 - <1 | | | 7 | 100 | | 154 | 155 | 17117 |
| G01 | | 2 | 2 | 6 - <1 | | | | | | 1 M | 1 S | 2 2 |
| | | 1 | | | | | | | | P 2 | B 1 | 1 1 1 |

Analyst

Date

7/2/98

Computer

ds

Date

7/2

PLM Analysis Worksheet

Client **Ecology & Environment**

Logged **7/1/98**

TAT **1 Day**

Address **11550 New Castle Avenue
Suite 250
Baton Rouge LA 70816**
Fax **(504) 363 4732**

Date/Time Due **7/2/98 9 00 AM**

Special Handling

Billing Number

IN982176

Project **020601rag1WESTBANK ASBESTOS**

| Appearance | | | | Treatment | Asbestos Results | Fibrous | Non Fibrous | Optical Properties | | | | | |
|--|--|---------------------------------------|---|---|---|--|--|--|--------------|-----|-----|-----|-------|
| 1 Brown 2 Grey 3 Tan 4 White 5 Red | 6 Various 7 Black 8 Silver 9 Blue 0 Orange | 1 Fibrous 2 Non Fibrous 3 Other | 1 Homogeneous 2 Heterogeneous 3 Other 4 Layers (#) | 1 Teased 2 Crushed 3 Dissolved 4 Ashed | 1 Chrysotile 2 Amosite 3 Anthophyllite 4 Tremolite 5 Actinolite 6 Crocidolite 0 None Detect d | 1 Cellulose 2 Glass 3 Min Wool 4 Synthetic 5 Other 6 Wollastonite 7 Hair | 1 Quartz 2 Mica 3 Gypsum 4 Cal Carbonate 5 Matrx 6 Perlite 7 Other | <div> <div>1 Wavy 2 Straight 3 Sp</div> <div> <div>1 Low 2 Mid 3 High</div> <div> <div>1 Small 2 Medium 3 Large</div> </div> </div> </div> | | | | | |
| Sample | Location | Appearance | Treatment | % ASBESTOS | Fibrous Type | Fibrous % | Non Fibrous Type | Non Fibrous % | Non Asb Char | | | | |
| 1850 | | 1 | | 1 - < 1 | | | 7 100 | | | 154 | 155 | 171 | 170 |
| G02 | | 2 | 2 | 6 - < 1 | | | | | | 1 M | 1 S | 2 2 | |
| | | 1 | | | | | | | | P 2 | B | 1 E | 1 1 1 |
| 1850 | | 1 | | MD | | | 7 100 | | | | | B | |
| G03 | | 2 | 2 | | | | | | | M | S | | |
| | | 1 | | | | | | | | P | B | E | |
| 1838 | | 1 | | 1 - < 1 | | | 7 100 | | | 154 | 155 | 171 | 170 |
| G01 | | 2 | 2 | 6 - < 1 | | | | | | 1 M | 1 S | 2 2 | |
| | | 1 | | | | | | | | P 2 | B | 1 E | 1 1 1 |
| 1838 | | 1 | | 1 - < 1 | | | 7 100 | | | 154 | 155 | | |
| G02 | | 2 | 2 | | | | | | | 1 M | 1 S | | |
| | | 1 | | | | | | | | P 2 | B | 1 E | |
| | | | | | | | | | | | | B | |
| | | | | | | | | | | M | S | | |
| | | | | | | | | | | P | B | E | |
| | | | | | | | | | | | | B | |
| | | | | | | | | | | M | S | | |
| | | | | | | | | | | P | B | E | |
| | | | | | | | | | | | | B | |
| | | | | | | | | | | M | S | | |
| | | | | | | | | | | P | B | E | |
| | | | | | | | | | | | | B | |
| | | | | | | | | | | M | S | | |
| | | | | | | | | | | P | B | E | |

Analyst

Date

7/2/98

Computer

Js

Date

7/2

PLM Analysis Worksheet

Client Ecology & Environment

Logged 7/2/98

TAT 1 Day

Address 11550 New Castle Avenue
Suite 250
Baton Rouge LA 70816
Fax (504) 363 4732

Date/Time Due 7/3/98

9 00 AM

Special Handling

Billing Number

IN982187

Project 020601RAG01 WESTBANK ASBESTOS

| Appearance | | Treatment | | Asbestos Results | | Fibrous | | Non-Fibrous | | Non-Asb Char | Optical Properties | | |
|--|--|---------------------------------------|---|---|---|--|--|-----------------------------------|------------|--------------|--|---|--|
| 1 Brown 2 Grey 3 Tan 4 White 5 Red | 6 Various 7 Black 8 Silver 9 Blue 0 Orange | 1 Fibrous 2 Non Fibrous 3 Other | 1 Homogeneous 2 Heterogeneous 3 Other 4 Layers (#) | 1 Teased 2 Crushed 3 Dissolved 4 Ashed | 1 Chrysotile 2 Amosite 3 Anthophyllite 4 Tremolite 5 Actinolite 6 Crocidolite 0 None Detected | 1 Cellulose 2 Glass 3 Min Wool 4 Synthetic 5 Other 6 Wollastonite 7 Hair | 1 Quartz 2 Mica 3 Gypsum 4 Cal. Carbonate 5 Matrix 6 Perlite 7 Other | 1 Wavy 2 Straight 3 Specify | 1 M 2 S | | 1 Parallel 2 Symmetrical 3 Oblique | | |
| Sample | Location | Appearance | Treatment | % ASBESTOS | Fibrous Type | Fibrous % | Non Fibrous Type | Non Fibrous % | | | | | |
| 10BS 1862 G01 | | 1 | 2 | 1-2% | | | 7 | 98 | | 1.54 | 1.55 | | |
| | | 2 | | | | | | | | M | | S | |
| | | 1 | | | | | | | | 2 | B | E | |
| 1758 G01 | | 1 | 2 | ND | | | 7 | 100 | | | | B | |
| | | 2 | | | | | | | | M | | S | |
| | | 1 | | | | | | | | P | B | E | |
| 1830 G01 | | 1 | 2 | 1-5% | | | 7 | 95 | | 1.54 | 1.55 | | |
| | | 2 | | | | | | | | M | | S | |
| | | 1 | | | | | | | | 2 | B | E | |
| 1830 G03 | | 1 | 2 | 1-5% | | | 7 | 95 | | 1.54 | 1.55 | | |
| | | 2 | | 6- \leq 1% | | | | | | M | | S | |
| | | 1 | | | | | | | | P | B | E | |
| 1835 G01 | | 1 | 2 | 1.5% | | | 7 | 93 | | 1.54 | 1.55 | | |
| | | 2 | | 6-2% | | | | | | M | | S | |
| | | 1 | | | | | | | | 2 | B | E | |
| | | | | | | | | | | | | B | |
| | | | | | | | | | | M | | S | |
| | | | | | | | | | | P | B | E | |
| | | | | | | | | | | | | B | |
| | | | | | | | | | | M | | S | |
| | | | | | | | | | | P | B | E | |

Analyst Lee J. Harrison Date

7/3/98

Computer

Date _____

EMSL Indianapolis, 6330 E. 75th St Suite 152, Indianapolis, IN 46250

OFFICIAL CHAIN OF CUSTODY RECORD

[illegible]

Attn Chris Sansome

Ecology & Environment

11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Monday, July 06, 1998

REC'D JUL 10 1998

Ref Number IN982216

POLARIZED LIGHT MICROSCOPY (PLM)

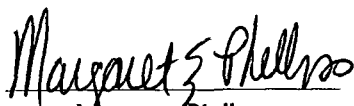
Performed by EPA 600/R-93/116 Method*

Project 020601RAG01 WESTBANK ASBESTOS

| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | ASBESTOS | | NONASBESTOS | |
|------------------|----------|-------------------------------------|---------------------|-----------------------------------|------|-------------|-------------------------|
| | | | | % | TYPE | % | FIBROUS % NONFIBROUS |
| WBS1981G01 | (b) (6) | Brown Non Fibrous Homogeneous | Crushed | 5% Chrysotile 1% Crocidolite | | | 74% Quartz 20% Other |
| WBS1981G0G0 2 | | Brown Non Fibrous Homogeneous | Crushed | 1% Chrysotile 1% Crocidolite | | | 78% Quartz 20% Other |
| WBS1981G03 | | Brown Non Fibrous Homogeneous | Crushed | 1% Chrysotile 1% Crocidolite | | | 78% Quartz 20% Other |
| WBS1981G04 | | Brown Non Fibrous Homogeneous | Crushed | 2% Chrysotile < 1% Crocidolite | | | 78% Quartz 20% Other |
| WBS1981G05 | | Brown Non Fibrous Homogeneous | Crushed | 1% Chrysotile 1% Crocidolite | | | 78% Quartz 20% Other |
| WBS1856G01 | | Brown Non Fibrous Homogeneous | Crushed | 1% Chrysotile 1% Crocidolite | | | 78% Quartz 20% Other |

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

NY samples also analyzed by ELAP 198-1 Method



Margaret Phillips
Analyst



Approved
Signatory

Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos Thus negative PLM results cannot be guaranteed Samples reported as <1% or none detected should be tested with either SEM or TEM The above test report relates only to the items tested This report may only be reproduced in part with written approval by EMSL The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government All NVLAP reports with NVLAP logo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples

Analysis performed by EMSL Indianapolis (NVLAP Air and Bulk #200188-0)

PLM Analysis Worksheet

Client Ecology & Environment

Logged 7/3/98

TAT 1 Day

Address 11550 New Castle Avenue
Suite 250
Baton Rouge LA 70816
Fax (504) 363 4732

Date/Time Due 7/6/98 9 00 AM


Special Handling

Billing Number

IN982216

Project 020601RAG01 WESTBANK ASBESTOS

| Appearance | | | Treatment | Asbestos Results | Fibrous | Non Fibrous | Optical Properties | | | | | | |
|---|--|---------------------------------------|---|---|---|--|---|---|--------------|----------------|----------------|----------------|-----|
| 1 Brown 2 Grey 3 Tan 4 Whit 5 Red | 6 Various 7 Black 8 Silver 9 Blue 0 Orange | 1 Fibrous 2 Non Fibrous 3 Other | 1 Homogeneous 2 Heterogeneous 3 Other 4 Layers (#) | 1 Teased 2 Crushed 3 Dissolved 4 Ashed | 1 Chrysotile 2 Amosite 3 Anthophyllit. 4 Tremolite 5 Actinolite 6 Crocidolite 0 None Detected | 1 Cellulose 2 Glass 3 Min Wool 4 Synthetic 5 Other 6 Wollastonite 7 Hair | 1 Quartz 2 Mica 3 Gypsum 4 Cal Carbonate 5 Matrix 6 Perlite 7 Other | <div> <div>1 Wavy 2 Straight 3 Speckly</div> <div> <div>M</div> <div>S</div> </div> <div> <div>1 Y</div> <div>2 N</div> </div> <div> <div>Low</div> <div>Mid</div> <div>High</div> </div> <div> <div>Small</div> <div>Large</div> </div> </div> | | | | | |
| Sample | Location | Appearance | Treatment | % ASBESTOS | Fibrous Type | Fibrous % | Non Fibrous Type | Non Fibrous % | Non Asb Char | | | | |
| UBS | | 1 | | 1-5% | | | 1 | 74 | | 154 | 1.55 | 171 | 172 |
| | | 2 | | 6-1% | | | 7 | 20 | | 1 ^M | 1 ^S | 2 | 2 |
| 1981601 | | 1 | 2 | | | | | | | 2 ^B | 1 ^B | 1 ^E | 11 |
| | | 1 | | 1-1% | | | 1 | 78 | | 154 | 1.55 | 171 | 17 |
| | | 2 | | 6-1% | | | 7 | 20 | | 1 ^M | 1 ^S | 2 | 2 |
| 1981602 | | 1 | 2 | | | | | | | 2 ^P | 1 ^B | 1 ^E | 11 |
| | | 1 | | 1-1% | | | 1 | 78 | | 154 | 1.55 | 171 | 17 |
| | | 2 | | 6-1% | | | 7 | 20 | | 1 ^M | 1 ^S | 2 | 2 |
| 1981603 | | 1 | 2 | | | | | | | 2 ^B | 1 ^B | 1 ^E | 11 |
| | | 1 | | 1-2% | | | 1 | 78 | | 154 | 1.55 | 171 | 17 |
| | | 2 | | 6-1% | | | 7 | 20 | | 1 ^M | 1 ^S | 2 | 2 |
| 1981604 | | 1 | 2 | | | | | | | 2 ^P | 1 ^B | 1 ^E | 11 |
| | | 1 | | 1-1% | | | 1 | 78 | | 154 | 1.55 | 171 | 17 |
| | | 2 | | 6-1% | | | 7 | 20 | | 1 ^M | 1 ^S | 2 | 2 |
| 1981605 | | 1 | 2 | | | | | | | 2 ^B | 1 ^B | 1 ^E | 11 |
| | | 1 | | 1-1% | | | 1 | 78 | | 154 | 1.55 | 171 | 17 |
| | | 2 | | 6-1% | | | 7 | 20 | | 1 ^M | 1 ^S | 2 | 2 |
| 1856601 | | 1 | 2 | | | | | | | 2 ^P | 1 ^B | 1 ^E | 11 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

Analyst Margaret S. Phillips Date 7/6/98 Computer  Date 7/6

OFFICIAL
CHAIN OF CUSTODY RECORD

| PROJ NO 020601 RACM | | PROJECT NAME Westbank Asbestos | | | NO. OF CONTAINERS | | REMARKS | | | | | | | | | |
|--|--------|-----------------------------------|------|------|-------------------|----------------------------|---------|--|--|--|--|-----------------------|--|-------------------------|--|-----------------------|
| SAMPLERS (Signature) Lawrence Reed | | | | | | | | | | | | | | | | |
| STA NO | DATE | TIME | COMP | GRAB | STATION LOCATION | | | | | | | | | | | |
| WBS1981 G01 | 7-1-98 | 0953 | X | | (b) (6) | 1 | X | | | | | | | | | EPA Tag # 6-152170 |
| WBS1981 G02 | | 0956 | X | | | 1 | X | | | | | | | | | 6-152171 |
| WBS1981 G03 | | 0959 | X | | | 1 | X | | | | | | | | | 6-152172 |
| WBS1981 G04 | | 1005 | X | | | 1 | X | | | | | | | | | 6-152173 |
| WBS1981 G05 | | 1010 | X | | | 1 | X | | | | | | | | | 6-152174 |
| WBS1981 G06 | | 1050 | X | | (b) (6) | 1 | X | | | | | | | | | 6-152175 |
| WBS1981 G07 | | 1357 | | | | 1 | X | | | | | | | | | 6-152176 |
| Relinquished by (Signature) [Signature] | | | | | | Date / Time 7-2-98/1500 | | Received by (Signature) [Signature] | | | | Date / Time 7/3/98 | | Received by (Signature) | | |
| Relinquished by (Signature) | | | | | | Date / Time | | Received by (Signature) | | | | Date / Time | | Received by (Signature) | | |
| Relinquished by (Signature) | | | | | | Date / Time | | Received for Laboratory by (Signature) | | | | Date / Time | | Remarks | | |
| Shipped by | | | | | | Airbill Number | | 10114 800858393494 | | | | | | | | |

Distribution White Accompanies Shipment Pink to Coordinator Field Files
Green to Report Yellow Returns with Warrant

Attn Chris Sansome

Ecology & Environment

11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

REC'D JUL 17 1998

Thursday, July 09, 1998

Ref Number IN982270

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601 WESTBANK ASBESTOS

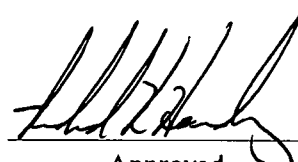
| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | ASBESTOS | | NONASBESTOS | |
|------------|----------|-------------------------------------|---------------------|-------------------------------------|------|-------------|-------------------------|
| | | | | % | TYPE | % | FIBROUS % NONFIBROUS |
| WBS1859G01 | (b) (6) | Brown Non Fibrous Homogeneous | Crushed | < 1% Chrysotile < 1% Crocidolite | | | 30% Quartz 70% Other |
| WBS1427G01 | | Brown Non Fibrous Homogeneous | Crushed | < 1% Chrysotile | | | 30% Quartz 70% Other |
| WBS1427G02 | | Brown Non Fibrous Homogeneous | Crushed | < 1% Chrysotile | | | 30% Quartz 70% Other |
| WBS1427G03 | | Brown Non Fibrous Homogeneous | Crushed | < 1% Chrysotile | | | 30% Quartz 70% Other |
| WBS1853G01 | | Brown Non Fibrous Homogeneous | Crushed | None Detected | | | 100% Other |

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

NY samples also analyzed by ELAP 198 1 Method



Jane Wasilewski
Analyst



Approved
Signatory

Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos Thus negative PLM results cannot be guaranteed Samples reported as <1% or none detected should be tested with either SEM or TEM The above test report relates only to the items tested This report may only be reproduced in part with written approval by EMSL The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government All NVLAP reports with NVLAP logo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples

Analysis performed by EMSL Indianapolis (NVLAP Air and Bulk #200188 0)

OFFICIAL CHAIN OF CUSTODY RECORD

6- 10254

PLM Analysis Worksheet

Client **Ecology & Environment**
 Address **11550 New Castle Avenue**
Suite 250
Baton Rouge LA 70816
 Fax **(504) 363 - 4732**

Logged **7/8/98**

TAT **1 Day**

Date/Time Due **7/9/98**

9 00 AM

Special Handling

Billing Number

IN982270

Project **020601 WESTBANK ASBESTOS**

| Appearance | | | | Treatment | Asbestos Results | Fibrous | Non-Fibrous | Optical Properties | |
|------------|-----------|---------------|-----------------|-------------|------------------|----------------|------------------|-----------------------------------|-------------------|
| 1 Brown | 6 Various | 1 Fibrous | 1 Homogeneous | 1 Teased | 1 Chrysotile | 1 Cellulose | 1 Quartz | 1 Wavy 2 Straight 3 Specify | 1 S 2 S 3 S |
| 2 Grey | 7 Black | 2 Non-Fibrous | 2 Heterogeneous | 2 Crushed | 2 Amosite | 2 Glass | 2 Mica | | |
| 3 Tan | 8 Silver | 3 Other | 3 Other | 3 Dissolved | 3 Anthophyllite | 3 Min. Wool | 3 Gypsum | | |
| 4 White | 9 Blue | | 4 Layers (#) | 4 Ashed | 4 Tremolite | 4 Synthetic | 4 Cal. Carbonate | | |
| 5 Red | 0 Orange | | | | 5 Actinolite | 5 Other | 5 Matrix | | |
| | | | | | 6 Crocidolite | 6 Wollastonite | 6 Perlite | Non-Asb Char | |
| | | | | | 0 None Detected | 7 Hair | 7 Other | | |

| Sample | Location | Appearance | Treatment | % ASBESTOS | Fibrous Type | Fibrous % | Non-Fibrous Type | Non-Fibrous % | Non-Asb Char | Optical Properties | | | |
|-----------|----------|------------|-----------|---------------|--------------|-----------|------------------|---------------|--------------|--------------------|-----|-------|----|
| 1859 G-01 | | 1 | 2 | 1- \angle 1 | | | 1 | 30 | | 154 | 155 | 171 | 17 |
| | | 2 | | 6- \angle 1 | | | 7 | 70 | | 1 M | 1 S | 2 2 | |
| | | 1 | | | | | | | | 2 B | 1 E | 1 1 1 | |
| 1427 G-01 | | 1 | 2 | 1- \angle 1 | | | 1 | 30 | | 154 | 155 | | |
| | | 2 | | | | | 7 | 70 | | 1 M | 1 S | | |
| | | 1 | | | | | | | | 2 B | 1 E | | |
| 602 | | 1 | 2 | 1- \angle 1 | | | 1 | 30 | | 154 | 155 | | |
| | | 2 | | | | | 7 | 70 | | 1 M | 1 S | | |
| | | 1 | | | | | | | | 2 B | 1 E | | |
| G03 | | 1 | 2 | 1- \angle 1 | | | 1 | 30 | | 154 | 155 | | |
| | | 2 | | | | | 7 | 70 | | 1 M | 1 S | | |
| | | 1 | | | | | | | | 2 B | 1 E | | |
| 1853 G-01 | | 1 | 2 | ND | | | 7 | 100 | | | | | |
| | | 2 | | | | | | | | M | S | | |
| | | 1 | | | | | | | | P | B | E | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | M | S | | |
| | | | | | | | | | | P | B | E | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | M | S | | |
| | | | | | | | | | | P | B | E | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | M | S | | |
| | | | | | | | | | | P | B | E | |

Analyst

Date

7/9/98

Computer

dlb

Date

7/9

EMSL Indianapolis, 6330 E. 75th St., Suite 152, Indianapolis, IN 46250

EMSL Analytical, Inc.

6330 E 75th St, Suite 152

Indianapolis, IN 46250

Phone (317) 570-5892 Fax (317) 570-5892

EMSL

Attn Chris Sansome

Ecology & Environment

11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Monday, July 13, 1998

REC'D JUL 17 1998

Ref Number IN982295

POLARIZED LIGHT MICROSCOPY (PLM)

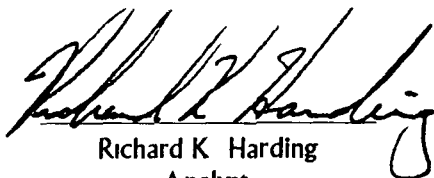
Performed by EPA 600/R-93/116 Method*

Project 020601 WESTBANK ASBESTOS

| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | ASBESTOS | | NONASBESTOS | |
|------------|----------|-------------------------------------|---------------------|-----------------------------------|---------------|-------------|----------------------|
| | | | | % | TYPE | % | FIBROUS % NONFIBROUS |
| WBS1863G01 | (b) (6) | Brown Non Fibrous Homogeneous | Crushed | | None Detected | | 100% Other |
| WBS1840G01 | | Brown Non-Fibrous Homogeneous | Crushed | 3% Chrysotile < 1% Crocidolite | | | 97% Other |
| WBS1840G02 | | Brown Non Fibrous Homogeneous | Crushed | | None Detected | | 100% Other |
| WBS1758G02 | | Brown Non Fibrous Homogeneous | Crushed | 2% Chrysotile < 1% Crocidolite | | | 98% Other |
| WBS1999G01 | | Brown Non Fibrous Homogeneous | Crushed | | None Detected | | 100% Other |
| WBS1999G02 | | Brown Non Fibrous Homogeneous | Crushed | 2% Chrysotile | | | 98% Other |

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

NY samples also analyzed by ELAP 198-1 Method


Richard K Harding
Analyst


Approved
Signatory

Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All NVLAP reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL Indianapolis (NVLAP Air and Bulk #200188 0)

EMSL Analytical, Inc.

6330 E 75th St, Suite 152

Indianapolis, IN 46250

Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn Chris Sansome

Ecology & Environment

11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Monday, July 13, 1998

Ref Number IN982295

POLARIZED LIGHT MICROSCOPY (PLM)

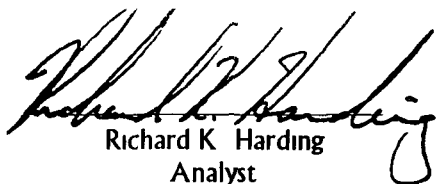
Performed by EPA 600/R-93/116 Method*

Project 020601 WESTBANK ASBESTOS

| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | <u>ASBESTOS</u> | | <u>NONASBESTOS</u> | |
|------------|----------|-------------------------------------|---------------------|-----------------|---------------|--------------------|----------------------|
| | | | | % | TYPE | % | FIBROUS % NONFIBROUS |
| WBS1996G01 | (b) (6) | Brown Non Fibrous Homogeneous | Crushed | | None Detected | | 100% Other |
| WBS1996G02 | | Brown Non Fibrous Homogeneous | Crushed | | None Detected | | 100% Other |

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

NY samples also analyzed by ELAP 198-1 Method


Richard K. Harding
Analyst


Approved
Signatory

Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos Thus negative PLM results cannot be guaranteed Samples reported as <1% or none detected should be tested with either SEM or TEM The above test report relates only to the items tested This report may only be reproduced in part with written approval by EMSL The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government All NVLAP reports with NVLAP logo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples

Analysis performed by EMSL Indianapolis (NVLAP Air and Bulk #200188 0)

PLM Analysis Worksheet

Client Ecology & Environment

Logged 7/10/98

TAT 1 Day

Address 11550 New Castle Avenue
Suite 250
Baton Rouge LA 70816
Fax (504) 363 - 4732

Date/Time Due 7/13/98 9 00 AM

Special Handling

Billing Number

IN982295

Project 020601 WESTBANK ASBESTOS

| Appearance | | | Treatment | Asbestos Results | Fibrous | | Non Fibrous | | Non-Asb Char | Optical Properties | |
|--|--|---------------------------------------|---|---|--|---|---------------|--------------------------|--------------|--|-----|
| 1 Brown 2 Grey 3 Tan 4 White 5 Red | 6 Various 7 Black 8 Silver 9 Blue 0 Orange | 1 Fibrous 2 Non Fibrous 3 Other | 1 Teased 2 Crushed 3 Dissolved 4 Ashed | 1 Chrysotile 2 Amosite 3 Anthophyllite 4 Tremolite 5 Actinolite 6 Crocidolite 7 None Detected | 1 Cellulose 2 Glass 3 Min Wool 4 Synthetic 5 Other 6 Wollastonite 7 Hair | 1 Quartz 2 Mica 3 Gypsum 4 Cal Carbonate 5 Matrix 6 Perlite 7 Other | 1 Yes 2 No | 1 Low 2 Med 3 High | | 1 Parallel 2 Symmetric 3 Oblique | |
| WBS1863 G01 | | 1 2 1 | 2 | ND | | | 7 | 100 | | | |
| WBS1840 G01 | | 1 2 1 | 2 | 1 Chrysotile 6 Crocidolite | | | 7 | 97 | | 154 | 155 |
| WBS1840 G02 | | 1 2 1 | 2 | ND | | | 7 | 100 | | | |
| WBS1758 G02 | | 1 2 1 | 2 | 1 Chrysotile 6 Crocidolite | | | 7 | 98 | | 154 | 155 |
| WBS1999 G01 | | 1 2 1 | 2 | ND | | | 7 | 100 | | | |
| WBS1999 G02 | | 1 2 1 | 2 | 1 Chrysotile | | | 7 | 98 | | 154 | 155 |
| WBS1996 G01 | | 1 2 1 | 2 | ND | | | 7 | 100 | | | |
| WBS1996 G02 | | 1 2 1 | 2 | ND | | | 7 | 100 | | | |

Analyst

Date

7/13/98

Computer

Date

7/13

EMSL Indianapolis, 6330 E. 75th St., Suite 152, Indianapolis, IN 46250

CHAIN OF CUSTODY RECORD

| PROJ NO | | PROJECT NAME | | NO OF CON TAINERS | | REMARKS | | | | | | | | | | | |
|-----------------------------|------|--------------|------|----------------------------|------------------|----------------|---|--|--|--|--|-------------|--|-------------------------|--|----------|--|
| SAMPLERS (Signature) | | | | | | | | | | | | | | | | | |
| STA NO | DATE | TIME | COMP | GRAB | STATION LOCATION | EIA TAG # | | | | | | | | | | | |
| WBS1863 601 | 7/8 | 1400 | X | | (b) (6) | / | X | | | | | | | | | 6-152309 | |
| WBS1840 601 | | 1510 | X | | | / | X | | | | | | | | | 6-152310 | |
| WBS1840 602 | | 1520 | X | | | / | X | | | | | | | | | 6-152311 | |
| WBS1758 602 | | 1550 | X | | (b) (6) | / | X | | | | | | | | | 6-152312 | |
| WBS1949 601 | 7/9 | 1030 | X | | | / | X | | | | | | | | | 6-152313 | |
| WBS1941 602 | | 1040 | X | | | / | X | | | | | | | | | 6-152314 | |
| WBS1946 601 | | 1510 | X | | (b) (6) | / | X | | | | | | | | | 6-152315 | |
| WBS1992 602 | | 1515 | X | | | / | X | | | | | | | | | 6-152316 | |
| Relinquished by (Signature) | | | | | | Date / Time | | Received by (Signature) | | | | Date / Time | | Received by (Signature) | | | |
| Relinquished by (Signature) | | | | | | Date / Time | | Received by (Signature) | | | | Date / Time | | Received by (Signature) | | | |
| Relinquished by (Signature) | | | | | | Date / Time | | Received for Laboratory by (Signature) | | | | Date / Time | | Remarks | | | |
| Shipped by | | | | | | Airbill Number | | 800858393520 | | | | | | | | | |

Distribution White Accompanies Shipment Pink to Coordinator Field Files
Green to Report Yellow Returns with Warrant

EPA 7500-53
(11/96)

6- 10241

EMSL Analytical, Inc.

6330 E 75th St., Suite 152

Indianapolis, IN 46250

Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn Chris Sansome
Ecology & Environment
11550 New Castle Avenue
Suite 250
Baton Rouge, LA 70816

Wednesday, July 15, 1998

Ref Number IN982327

REC'D JUL 15 1998

POLARIZED LIGHT MICROSCOPY (PLM)

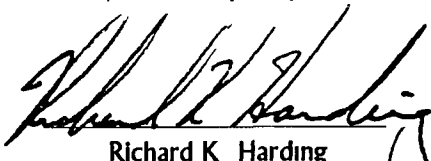
Performed by EPA 600/R-93/116 Method*

Project 020601 WESTBANK ASBESTOS

| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | ASBESTOS | | NONASBESTOS | |
|------------|----------|-------------------------------------|---------------------|-------------------------------------|---------------|-------------|----------------------|
| | | | | % | TYPE | % | FIBROUS % NONFIBROUS |
| WBS1937G01 | (b) (6) | Brown Non Fibrous Homogeneous | Crushed | | None Detected | | 100% Other |
| WBS727G01 | | Brown Non Fibrous Homogeneous | Crushed | 2% Chrysotile < 1% Crocidolite | | | 98% Other |
| WBS727G02 | | Brown Non Fibrous Homogeneous | Crushed | | None Detected | | 100% Other |
| WBS727G03 | | Brown Non Fibrous Homogeneous | Crushed | < 1% Chrysotile < 1% Crocidolite | | | 100% Other |
| WBS727G04 | | Brown Non-Fibrous Homogeneous | Crushed | | 2% Chrysotile | | 98% Other |
| WBS2006G01 | | Brown Non-Fibrous Homogeneous | Crushed | < 1% Chrysotile < 1% Crocidolite | | | 100% Other |

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

NY samples also analyzed by ELAP 198-1 Method


Richard K. Harding
Analyst


Approved
Signatory

Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All NVLAP reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL Indianapolis (NVLAP Air and Bulk #200188 0)

EMSL Analytical, Inc.

6330 E 75th St, Suite 152

Indianapolis, IN 46250

Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn Chris Sansome

Ecology & Environment

11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Wednesday, July 15, 1998

Ref Number IN982327

POLARIZED LIGHT MICROSCOPY (PLM)

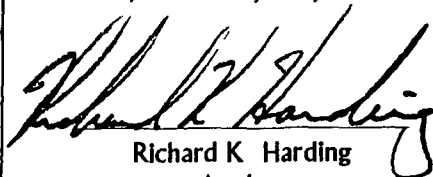
Performed by EPA 600/R-93/116 Method*

Project 020601 WESTBANK ASBESTOS

| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | ASBESTOS | | NONASBESTOS | |
|------------|----------|-------------------------------------|---------------------|----------|---------------|-------------|----------------------|
| | | | | % | TYPE | % | FIBROUS % NONFIBROUS |
| WBS2007G01 | (b) (6) | Brown Non-Fibrous Homogeneous | Crushed | | None Detected | | 100% Other |
| WBS2007G02 | | Brown Non Fibrous Homogeneous | Crushed | | None Detected | | 100% Other |
| WBS2006G02 | | Brown Non Fibrous Homogeneous | Crushed | | None Detected | | 100% Other |
| WBS1918G01 | | Brown Non-Fibrous Homogeneous | Crushed | 1% | Chrysotile | | 99% Other |

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

* NY samples also analyzed by ELAP 198-1 Method


Richard K. Harding
Analyst


Approved
Signatory

Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos Thus negative PLM results cannot be guaranteed Samples reported as <1% or none detected should be tested with either SEM or TEM The above test report relates only to the items tested This report may only be reproduced in part with written approval by EMSL The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government All NVLAP reports with NVLAP logo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples

Analysis performed by EMSL Indianapolis (NVLAP Air and Bulk #200188 0)

PLM Analysis Worksheet

Client **Ecology & Environment**

Logged **7/13/98**

TAT **1 Day**

Address **11550 New Castle Avenue
Suite 250
Baton Rouge LA 70816**
Fax **(504) 363 4732**

Date/Time Due **7/14/98 9 00 AM**

Special Handling

Billing Number

IN982327

Project **020601 WESTBANK ASBESTOS**

| Appearance | | | | Treatment | Asbestos Results | Fibrous | Non Fibrous | Optical Properties | | | | | |
|--|---|---------------------------------------|---|---|---|--|--|--|--------------|--|--|--|--|
| 1 Brown 2 Grey 3 Tan 4 White 5 Red | 6 Vanous 7 Black 8 Silver 9 Blue 0 Orange | 1 Fibrous 2 Non Fibrous 3 Other | 1 Homogeneous 2 Heterogeneous 3 Other 4 Layers (#) | 1 Teased 2 Crushed 3 Dissolved 4 Ashed | 1 Chrysotile 2 Amosite 3 Anthophyllite 4 Tremolite 5 Actinolite 6 Crocidolite 0 None Detected | 1 Cellulose 2 Glass 3 Min Wool 4 Synthetic 5 Other 6 Wollastonite 7 Hair | 1 Quartz 2 Mica 3 Gypsum 4 Cal. Carbonate 5 Matrix 6 Perlite 7 Other | <div> <div>1 2 3 4 5 6 7 8 9 10</div> <div>1 2 3 4 5 6 7 8 9 10</div> <div>1 2 3 4 5 6 7 8 9 10</div> </div> | | | | | |
| Sample | Location | Appearance | Treatment | % ASBESTOS | Fibrous Type | Fibrous % | Non-Fibrous Type | Non-Fibrous % | Non-Asb Char | Optical Properties | | | |
| WBS1937 G01 | | 1 | 2 | ND | | | 7 | 100 | | <div> <div>1 2 3 4 5 6 7 8 9 10</div> <div>1 2 3 4 5 6 7 8 9 10</div> <div>1 2 3 4 5 6 7 8 9 10</div> </div> | | | |
| | | 2 | | | | | | | | | | | |
| | | 1 | | | | | | | | | | | |
| WBS 727 G01 | | 1 | 2 | 1 Chrysotile 2 | | | 7 | 98 | | <div> <div>1 2 3 4 5 6 7 8 9 10</div> <div>1 2 3 4 5 6 7 8 9 10</div> <div>1 2 3 4 5 6 7 8 9 10</div> </div> | | | |
| | | 2 | | 6 Crocidolite <1 | | | | | | | | | |
| | | 1 | | | | | | | | | | | |
| G02 | | 1 | 2 | ND | | | 7 | 100 | | <div> <div>1 2 3 4 5 6 7 8 9 10</div> <div>1 2 3 4 5 6 7 8 9 10</div> <div>1 2 3 4 5 6 7 8 9 10</div> </div> | | | |
| | | 2 | | | | | | | | | | | |
| | | 1 | | | | | | | | | | | |
| G03 | | 1 | 2 | 1 Chrysotile <1 | | | 7 | 100 | | <div> <div>1 2 3 4 5 6 7 8 9 10</div> <div>1 2 3 4 5 6 7 8 9 10</div> <div>1 2 3 4 5 6 7 8 9 10</div> </div> | | | |
| | | 2 | | 6 Crocidolite <1 | | | | | | | | | |
| | | 1 | | | | | | | | | | | |
| G04 | | 1 | 2 | 1 Chrysotile 2 | | | 7 | 98 | | <div> <div>1 2 3 4 5 6 7 8 9 10</div> <div>1 2 3 4 5 6 7 8 9 10</div> <div>1 2 3 4 5 6 7 8 9 10</div> </div> | | | |
| | | 2 | | | | | | | | | | | |
| | | 1 | | | | | | | | | | | |
| WBS2006 G01 | | 1 | 2 | 1 Chrysotile <1 | | | 7 | 100 | | <div> <div>1 2 3 4 5 6 7 8 9 10</div> <div>1 2 3 4 5 6 7 8 9 10</div> <div>1 2 3 4 5 6 7 8 9 10</div> </div> | | | |
| | | 2 | | 6 Crocidolite <1 | | | | | | | | | |
| | | 1 | | | | | | | | | | | |
| WBS2007 G01 | | 1 | 2 | ND | | | 7 | 100 | | <div> <div>1 2 3 4 5 6 7 8 9 10</div> <div>1 2 3 4 5 6 7 8 9 10</div> <div>1 2 3 4 5 6 7 8 9 10</div> </div> | | | |
| | | 2 | | | | | | | | | | | |
| | | 1 | | | | | | | | | | | |
| G02 | | 1 | 2 | ND | | | 7 | 100 | | <div> <div>1 2 3 4 5 6 7 8 9 10</div> <div>1 2 3 4 5 6 7 8 9 10</div> <div>1 2 3 4 5 6 7 8 9 10</div> </div> | | | |
| | | 2 | | | | | | | | | | | |
| | | 1 | | | | | | | | | | | |

Analyst

L. Hardy

Date

7/15/98

Computer

LS

Date

7/15

PLM Analysis Worksheet

Client **Ecology & Environment**

Logged **7/13/98**

TAT **1 Day**

Address **11550 New Castle Avenue
Suite 250
Baton Rouge LA 70816**
Fax **(504) 363 - 4732**

Date/Time Due **7/14/98 9 00 AM**

Special Handling

Billing Number

IN982327

Project **020601 WESTBANK ASBESTOS**

| Appearance | | | | Treatment | Asbestos Results | Fibrous | Non Fibrous | Optical Properties | | |
|--|--|---------------------------------------|---|---|---|---|--|---|--------------|--|
| 1 Brown 2 Grey 3 Tan 4 White 5 Red | 6 Various 7 Black 8 Silver 9 Blue 0 Orange | 1 Fibrous 2 Non Fibrous 3 Other | 1 Homogeneous 2 Heterogeneous 3 Other 4 Layers (#) | 1 Teased 2 Crushed 3 Dissolved 4 Ashed | 1 Chrysotile 2 Amosite 3 Anthophyllite 4 Tremolite 5 Actinolite 6 Crocidolite 0 None Detected | 1 Cellulose 2 Glass 3 Min. Wool 4 Synthetic 5 Other 6 Wollastonite 7 Hair | 1 Quartz 2 Mica 3 Gypsum 4 Cal. Carbonate 5 Matrix 6 Perlite 7 Other | <div> <div>1 Wavy 2 Straight 3 Specify</div> <div>1 Yes 2 No</div> <div>1 Low 2 Med 3 High</div> <div>1 Parallel 2 Symmetric 3 Oblique</div> </div> | | |
| Sample | Location | Appearance | Treatment | % ASBESTOS | Fibrous Type | Fibrous % | Non-Fibrous Type | Non-Fibrous % | Non Asb Char | |
| WBS2006 602 | | 1 | 2 | ND | | | 7 | 100 | | I |
| | | 2 | | | | | | | | M |
| | | 1 | | | | | | | | P |
| WBS1918 601 | | 1 | 2 | 1 Chrysotile | | | 7 | 99 | | 154 ¹ 153 ² |
| | | 2 | | | | | | | | 1 ^M 1 ^S |
| | | 1 | | | | | | | | 2 ^P 1 ^B 1 ^E |
| | | | | | | | | | | I |
| | | | | | | | | | | M |
| | | | | | | | | | | P |
| | | | | | | | | | | I |
| | | | | | | | | | | M |
| | | | | | | | | | | P |
| | | | | | | | | | | I |
| | | | | | | | | | | M |
| | | | | | | | | | | P |
| | | | | | | | | | | I |
| | | | | | | | | | | M |
| | | | | | | | | | | P |
| | | | | | | | | | | I |
| | | | | | | | | | | M |
| | | | | | | | | | | P |

Analyst

[Signature]

Date

7/15/98

Computer

[Signature]

Date

7/15

OFFICIAL
CHAIN OF CUSTODY RECORD

| PROJ NO | | PROJECT NAME | | | | NO OF CON TAINERS | REMARKS | | | | | | | | | | |
|-----------------------------|------|---------------------------|------|--|------------------|-----------------------------|---------|-------------|--|-------------------------|--|--|--|--|--|--|----------|
| 020601 | | WESTBANK ASBESTOS Removal | | | | | | | | | | | | | | | |
| SAMPLERS (Signature) | | | | | | EPA TAG # | | | | | | | | | | | |
| [Signature] | | | | | | | | | | | | | | | | | |
| STA NO | DATE | TIME | COMP | GRAB | STATION LOCATION | | | | | | | | | | | | |
| WB51431 601 | 7/10 | 915 | X | | (b) (6) | X | X | | | | | | | | | | 6-152317 |
| WB52271 601 | | 946 | X | | | | X | | | | | | | | | | 6-152318 |
| WB52271 602 | | 945 | X | | | | X | | | | | | | | | | 6-152319 |
| WB52271 603 | | 950 | X | | | | X | | | | | | | | | | 6-152320 |
| WB52271 604 | | 955 | X | | | | X | | | | | | | | | | 6-152321 |
| WB52006 601 | | 1100 | X | | (b) (6) | | X | | | | | | | | | | 6-152322 |
| WB52007 601 | | 1105 | X | | | | X | | | | | | | | | | 6-152323 |
| WB52007 602 | | 1110 | X | | | | X | | | | | | | | | | 6-152324 |
| WB52006 602 | | 1115 | X | | (b) (6) | | X | | | | | | | | | | 6-152325 |
| WB52118 601 | | 1140 | X | | | | X | | | | | | | | | | 6-152326 |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | | | | | | |
| [Signature] | | 7/10/98 1630 | | D. Stet 7/13/98 930 | | | | | | | | | | | | | |
| Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Relinquished by (Signature) | | Date / Time | | Received for Laboratory by (Signature) | | Date / Time | | Remarks | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Shipped by | | | | Airbill Number 800456343510 | | | | | | | | | | | | | |

Distribution White Accompanies Shipment Pink to Coordinator Field Files
Green to Report Yellow Returns with Warrant

EMSL Analytical, Inc.

6330 E 75th St, Suite 152

Indianapolis, IN 46250

Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn Chris Sansome
Ecology & Environment
11550 New Castle Avenue
Suite 250
Baton Rouge, LA 70816

Thursday, July 16, 1998

REC'D JUL 23 1998

Ref Number IN982341

POLARIZED LIGHT MICROSCOPY (PLM)

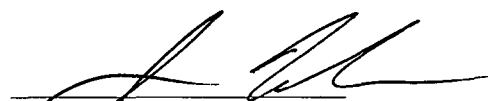
Performed by EPA 600/R-93/116 Method*

Project 020601 WESTBANK ASBESTOS

| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | ASBESTOS | | NONASBESTOS | |
|-------------------|----------|-------------------------------------|---------------------|-------------------------------------|---------------|-------------|-------------------------|
| | | | | % | TYPE | % | FIBROUS NONFIBROUS |
| WBS1928G01 | (b) (6) | Brown Non-Fibrous Homogeneous | Crushed | | None Detected | | 60% Quartz 40% Other |
| WBS2002G01 | | Brown Non Fibrous Homogeneous | Crushed | 2% Chrysotile < 1% Crocidolite | | | 50% Quartz 48% Other |
| WBS2002G02 | | Brown Non Fibrous Homogeneous | Crushed | | None Detected | | 60% Quartz 40% Other |
| WBS2002G03 | | Brown Non Fibrous Homogeneous | Crushed | | None Detected | | 60% Quartz 40% Other |
| WBS974G01PH II | | Brown Non-Fibrous Homogeneous | Crushed | | 2% Chrysotile | | 45% Quartz 53% Other |
| WBS1950G01 | | Brown Non Fibrous Homogeneous | Crushed | < 1% Chrysotile < 1% Crocidolite | | | 60% Quartz 40% Other |

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

NY samples also analyzed by ELAP 198-1 Method


Jane Wasilewski
Analyst


Approved
Signatory

Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos Thus negative PLM results cannot be guaranteed Samples reported as <1% or none detected should be tested with either SEM or TEM The above test report relates only to the items tested This report may only be reproduced in part with written approval by EMSL The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government All NVLAP reports with NVLAP logo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples

Analysis performed by EMSL Indianapolis (NVLAP Air and Bulk #200188-0)

EMSL Analytical, Inc.

6330 E 75th St., Suite 152

Indianapolis, IN 46250

Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn Chris Sansome
Ecology & Environment
11550 New Castle Avenue
Suite 250
Baton Rouge, LA 70816

Thursday, July 16, 1998

Ref Number IN982341

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601 WESTBANK ASBESTOS

| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | ASBESTOS | | NONASBESTOS | |
|------------|----------|-------------------------------------|---------------------|-------------------------------------|---------------|-------------|-------------------------|
| | | | | % | TYPE | % | FIBROUS % NONFIBROUS |
| WBS1950G02 | (b) (6) | Brown Non Fibrous Homogeneous | Crushed | | None Detected | | 60% Quartz 40% Other |
| WBS1950G03 | | Brown Non Fibrous Homogeneous | Crushed | < 1% Chrysotile < 1% Crocidolite | | | 60% Quartz 40% Other |
| WBS1943G01 | | Brown Non Fibrous Homogeneous | Crushed | | None Detected | | 35% Quartz 65% Other |
| WBS1943G02 | | Brown Non Fibrous Homogeneous | Crushed | < 1% Chrysotile < 1% Crocidolite | | | 60% Quartz 40% Other |
| WBS2008G01 | | Brown Non Fibrous Homogeneous | Crushed | | None Detected | | 70% Quartz 30% Other |
| WBS2008G02 | | Brown Non Fibrous Homogeneous | Crushed | < 1% Chrysotile < 1% Crocidolite | | | 45% Quartz 55% Other |

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

NY samples also analyzed by ELAP 198 1 Method

Jane Wasilewski
Analyst

Approved
Signatory

Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos Thus negative PLM results cannot be guaranteed Samples reported as <1% or none detected should be tested with either SEM or TEM The above test report relates only to the items tested This report may only be reproduced in part with written approval by EMSL The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government All NVLAP reports with NVLAP logo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples

Analysis performed by EMSL Indianapolis (NVLAP Air and Bulk #200188 0)

EMSL Analytical, Inc.

6330 E 75th St, Suite 152

Indianapolis, IN 46250

Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn Chris Sansome
Ecology & Environment
11550 New Castle Avenue
Suite 250
Baton Rouge, LA 70816

Thursday, July 16, 1998

Ref Number IN982341

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601 WESTBANK ASBESTOS

| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | ASBESTOS | | NONASBESTOS | |
|------------|----------|-------------------------------------|---------------------|-------------------------------------|------|-------------------------|--------------------|
| | | | | % | TYPE | % | FIBROUS NONFIBROUS |
| WBS2008G03 | (b) (6) | Brown Non Fibrous Homogeneous | Crushed | None Detected | | 45% Quartz 55% Other | |
| WBS2008G04 | | Brown Non Fibrous Homogeneous | Crushed | < 1% Chrysotile < 1% Crocidolite | | 45% Quartz 55% Other | |

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

NY samples also analyzed by ELAP 198-1 Method


Jane Wasilewski
Analyst


Approved
Signatory

Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All NVLAP reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL Indianapolis (NVLAP Air and Bulk #200188-0)

PLM Analysis Worksheet

Client Ecology & Environment

Logged 7/14/98

TAT 1 Day

Address 11550 New Castle Avenue
Suite 250
Baton Rouge LA 70816
Fax (504) 363 4732

Date/Time Due 7/15/98 9 00 AM

Special Handling

Billing Number

IN982341

Project 020601 WESTBANK ASBESTOS

| Appearance | | | | Treatment | Asbestos Results | Fibrous | Non Fibrous | Optical Properties |
|------------|-----------|---------------|-----------------|-------------|------------------|----------------|-----------------|---|
| 1 Brown | 6 Various | 1 Fibrous | 1 Homogeneous | 1 Teased | 1 Chrysotile | 1 Cellulose | 1 Quartz | 1 Wavy 2 Straight 3 Specify P B 1 2 3 1 Low Med High 1 Parallel 2 Perpendicular 3 Other |
| 2 Grey | 7 Black | 2 Non Fibrous | 2 Heterogeneous | 2 Crushed | 2 Amosite | 2 Glass | 2 Mica | |
| 3 Tan | 8 Silver | 3 Other | 3 Other | 3 Dissolved | 3 Anthophyllite | 3 Min Wool | 3 Gypsum | |
| 4 White | 9 Blue | | 4 Layers (#) | 4 Ashed | 4 Tremolite | 4 Synthetic | 4 Cal Carbonate | |
| Red | 0 Orange | | | | 5 Actinolite | 5 Other | 5 Matrix | |
| | | | | | 6 Crocidolite | 6 Wollastonite | 6 Perlite | |
| | | | | | 0 None Detected | 7 Hair | 7 Other | |

| Sample | Location | Appearance | Treatment | % ASBESTOS | Fibrous Type | Fibrous % | Non Fibrous Type | Non Fibrous % | Non Asb Char | Optical Properties |
|----------|----------|------------|-----------|------------|--------------|-----------|------------------|---------------|--------------|--------------------|
| 1928 G01 | | 1 | 2 | ND | | | 1 | 60 | | I II |
| | | 2 | | | | 7 | 40 | | V S | |
| | | 1 | | | | | | P B E | | |
| 2002 G01 | | 1 | 2 | 1-2 | | | 1 | 50 | | 154 155 171 |
| | | 2 | | 6- <1 | | 7 | 48 | | 1 V 1 S 2 - | |
| | | 1 | | | | | | P B E 1 1 | | |
| G02 | | 1 | 2 | ND | | | 1 | 60 | | I B |
| | | 2 | | | | 7 | 40 | | V S | |
| | | 1 | | | | | | P B E | | |
| G03 | | 1 | 2 | ND | | | 1 | 60 | | I B |
| | | 2 | | | | 7 | 40 | | V S | |
| | | 1 | | | | | | P B E | | |
| 974 G01 | | 1 | 2 | 1-2 | | | 1 | 45 | | 154 155 |
| | | 2 | | | | 7 | 53 | | 1 V 1 S | |
| | | 1 | | | | | | P B E | | |
| 1950 G01 | | 1 | 2 | 1- <1 | | | 1 | 60 | | 154 155 171 |
| | | 2 | | 6- <1 | | 7 | 40 | | 1 V 1 S 2 - | |
| | | 1 | | | | | | P B E 1 1 | | |
| G02 | | 1 | 2 | ND | | | 1 | 60 | | I B |
| | | 2 | | | | 7 | 40 | | V S | |
| | | 1 | | | | | | P B E | | |
| G03 | | 1 | 2 | 1- <1 | | | 1 | 60 | | 154 155 171 |
| | | 2 | | 6- <1 | | 7 | 40 | | 1 V 1 S 2 2 | |
| | | 1 | | | | | | P B E 1 1 | | |

Analyst

Date

7/16/98

Computer

Date

7/16

EMSL Indianapolis 6330 E 75th St Suite 152 Indianapolis IN 46250

PLM Analysis Worksheet

Client **Ecology & Environment**

Logged 7/14/98

TAT 1 Day

Address 11550 New Castle Avenue
Suite 250
Baton Rouge LA 70816
Fax (504) 363 - 4732

Date/Time Due 7/15/98 9 00 AM

Special Handling

Billing Number

IN982341

Project 020601 WESTBANK ASBESTOS

| Appearance | | | | Treatment | Asbestos Results | Fibrous | Non Fibrous | Optical Properties | | |
|--|--|---------------------------------------|---|---|---|--|---|--|--------------|-------------|
| 1 Brown 2 Grey 3 Tan 4 White 5 Red | 6 Various 7 Black 8 Silver 9 Blue 0 Orange | 1 Fibrous 2 Non Fibrous 3 Other | 1 Homogeneous 2 Heterogeneous 3 Other 4 Layers (#) | 1 Teased 2 Crushed 3 Dissolved 4 Ashed | 1 Chrysotile 2 Amosite 3 Anthophyllite 4 Tremolite 5 Actinolite 6 Crocidolite 0 None Detected | 1 Cellulose 2 Glass 3 Min Wool 4 Synthetic 5 Other 6 Wollastonite 7 Hair | 1 Quartz 2 Mica 3 Gypsum 4 Cal Carbonate 5 Matrix 6 Perlite 7 Other | <div> <div>1 Wavy 2 Straight Specify</div> <div> <div>1 M 2 S</div> <div> <div>1 Parallel 2 Transverse 3 Blique</div> </div> </div> </div> | | |
| Sample | Location | Appearance | Treatment | % ASBESTOS | Fibrous Type | Fibrous % | Non Fibrous Type | Non Fibrous % | Non Asb Char | |
| 1943 G01 | | 1 | | ND | | | 1 | 35 | | |
| | | 2 | | | | | 7 | 65 | | |
| | | 1 | 2 | | | | | | | |
| ↓ G02 | | 1 | | 1 - <1 | | | 1 | 60 | | 154 155 |
| | | 2 | 2 | 6 - <1 | | | 7 | 40 | | 1 M 1 S |
| | | 1 | | | | | | | | P 2 B 1 E |
| 2008 G01 | | 1 | | ND | | | 1 | 70 | | |
| | | 2 | 2 | | | | 7 | 30 | | M S |
| | | 1 | | | | | | | | P B E |
| G02 | | 1 | | 1 - <1 | | | 1 | 45 | | 154 155 171 |
| | | 2 | 2 | 6 - <1 | | | 7 | 55 | | 1 M 1 S 22 |
| | | 1 | | | | | | | | P 2 B 1 E |
| G03 | | 1 | | ND | | | 1 | 45 | | |
| | | 2 | 2 | | | | 7 | 55 | | M S |
| | | 1 | | | | | | | | P B E |
| ↓ G04 | | 1 | | 1 - <1 | | | 1 | 45 | | 154 155 171 |
| | | 2 | 2 | 6 - <1 | | | 7 | 55 | | 1 M 1 S 22 |
| | | 1 | | | | | | | | P 2 B 1 E |
| | | X | | | | | | | | |
| | | X | 2 | | | | | | | M S |
| | | X | | | | | | | | P B E |
| | | X | | | | | | | | |
| | | X | 2 | | | | | | | M S |
| | | X | | | | | | | | P B E |

Analyst

Date

7/16/98

Computer

Date

7/16

EMSL Indianapolis 6330 E 75th St Suite 152 Indianapolis IN 46250

OFFICIAL
CHAIN OF CUSTODY RECORD

| PROJ NO | | PROJECT NAME | | | | NO OF CON TAINERS | REMARKS | | | | | | | | | | |
|----------------------|------|--------------|------|------|------------------|----------------------------|---------|--|--|--|--|--|--|--|--|--|-----------------------|
| SAMPLERS (Signature) | | | | | | | | | | | | | | | | | |
| STA NO | DATE | TIME | COMP | GRAB | STATION LOCATION | | | | | | | | | | | | |
| WB51928 601 | 7/11 | 1000 | X | | (b) (6) | / | X | | | | | | | | | | EPA TAG # 6-152327 |
| WB52002 601 | | 1040 | X | | | / | X | | | | | | | | | | 6-152328 |
| WB52002 602 | | 1045 | X | | | / | X | | | | | | | | | | 6-152329 |
| WB52002 603 | | 1050 | X | | | / | X | | | | | | | | | | 6-152330 |
| WB51950 601 | 7/13 | 0800 | X | | (b) (6) | / | X | | | | | | | | | | 6-152331 |
| WB51950 602 | | 1335 | | | | / | X | | | | | | | | | | 6-152332 US |
| WB51950 603 | | 1340 | | | | / | X | | | | | | | | | | 6-152334 US 333 |
| WB51943 601 | | 1345 | | | | / | X | | | | | | | | | | 6-152335 US 334 |
| WB51943 602 | | 1450 | | | (b) (6) | / | X | | | | | | | | | | 6-152335 |
| WB52008 601 | | 1455 | | | | / | X | | | | | | | | | | 6-152336 |
| WB52008 602 | | 1600 | | | (b) (6) | / | X | | | | | | | | | | 6-152337 |
| WB52008 603 | | 1605 | | | | / | X | | | | | | | | | | 6-152338 |
| WB52008 604 | | 1610 | | | | / | X | | | | | | | | | | 6-152339 |
| WB52008 605 | | 1615 | | | | / | X | | | | | | | | | | 6-152340 |

| | | | | | |
|-----------------------------|----------------|--|-----------------------------|-------------|-------------------------|
| Relinquished by (Signature) | Date / Time | Received by (Signature) | Relinquished by (Signature) | Date / Time | Received by (Signature) |
| <i>[Signature]</i> | 1645 7/13/98 | <i>[Signature]</i> | | | |
| Relinquished by (Signature) | Date / Time | Received by (Signature) | Relinquished by (Signature) | Date / Time | Received by (Signature) |
| | | | | | |
| Relinquished by (Signature) | Date / Time | Received for Laboratory by (Signature) | Date / Time | Remarks | |
| | | | | | |
| Shipped by | Airbill Number | | | | |

Distribution White Accompanies Shipment Pink to Coordinator Field File
Green to Report Yellow Returns with Warrant

EMSL Analytical, Inc.

6330 E 75th St, Suite 152

Indianapolis, IN 46250

Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn Chris Sansome

Ecology & Environment

11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Friday, July 17, 1998

REC'D AUG 10 1998

Ref Number IN982388

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601 WESTBANK ASBESTOS

| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | ASBESTOS | | NONASBESTOS | |
|------------|----------|-------------------------------------|---------------------|----------|---------------|-------------|-------------------------|
| | | | | % | TYPE | % | FIBROUS % NONFIBROUS |
| WBS1812G01 | (b) (6) | Brown Non Fibrous Homogeneous | Crushed | | None Detected | | 80% Quartz 20% Other |
| WBS2008G05 | | Brown Non Fibrous Homogeneous | Crushed | | None Detected | | 80% Quartz 20% Other |
| WBS2008G06 | | Brown Non Fibrous Homogeneous | Crushed | | None Detected | | 80% Quartz 20% Other |
| WBS2008G07 | | Brown Non Fibrous Homogeneous | Crushed | | None Detected | | 80% Quartz 20% Other |
| WBS971G03 | | Brown Non Fibrous Homogeneous | Crushed | | None Detected | | 80% Quartz 20% Other |
| WBS971G04 | | Brown Non Fibrous Homogeneous | Crushed | | None Detected | | 80% Quartz 20% Other |

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

NY samples also analyzed by ELAP 198 1 Method

Margaret J. Phillips

Margaret Phillips
Analyst

Robert L. Harding
Approved
Signatory

Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos Thus negative PLM results cannot be guaranteed Samples reported as <1% or none detected should be tested with either SEM or TEM The above test report relates only to the items tested This report may only be reproduced in part with written approval by EMSL The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government All NVLAP reports with NVLAP logo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples

Analysis performed by EMSL Indianapolis (NVLAP Air and Bulk #200188-0)

EMSL Analytical, Inc.

6330 E 75th St, Suite 152

Indianapolis, IN 46250

Phone (317) 570-5892 Fax (317) 570-5892

EMSL

Attn Chris Sansome
Ecology & Environment
11550 New Castle Avenue
Suite 250
Baton Rouge, LA 70816

Friday, July 17, 1998

Ref Number IN982388

POLARIZED LIGHT MICROSCOPY (PLM)

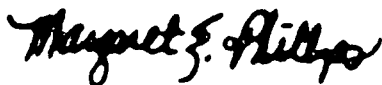
Performed by EPA 600/R-93/116 Method*

Project 020601 WESTBANK ASBESTOS

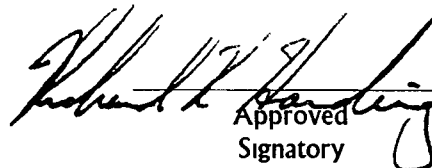
| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | ASBESTOS | | NONASBESTOS | |
|--------------------|----------|-------------------------------------|---------------------|-----------------------------------|------|-------------|-------------------------|
| | | | | % | TYPE | % | FIBROUS % NONFIBROUS |
| WBS1934G03 | (b) (6) | Brown Non Fibrous Homogeneous | Crushed | 2% Chrysotile < 1% Crocidolite | | | 78% Quartz 20% Other |
| WBS2006G01P HII | | Brown Non Fibrous Homogeneous | Crushed | None Detected | | | 80% Quartz 20% Other |

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

NY samples also analyzed by ELAP 198 1 Method



Margaret Phillips
Analyst


Approved
Signatory

Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos Thus negative PLM results cannot be guaranteed Samples reported as <1% or none detected should be tested with either SEM or TEM The above test report relates only to the items tested This report may only be reproduced in part with written approval by EMSL The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government All NVLAP reports with NVLAP logo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples

Analysis performed by EMSL Indianapolis (NVLAP Air and Bulk #200188 0)

EMSL Analytical, Inc.

2501 Central Pkwy, C-13

Houston, TX 77092

Phone (713) 686-3635 Fax (713) 686-3645

EMSL

Attn: Chris S

Ecology & Environment, Inc

11550 Newcastle Ave #250

Baton Rouge LA 70816

REC'D AUG 03 1998

Monday July 27 1998

Ref Number: TX983532

POLARIZED LIGHT MICROSCOPY (PLM)

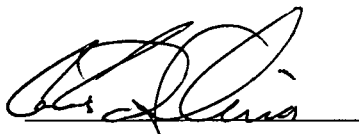
Performed by EPA 600/R-93/116 Method*

Project 020601-WESTBANK ASBESTOS REMOVAL

| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | ASBESTOS | | NONASBESTOS | |
|------------|----------|-------------------------------------|---------------------|----------|------------|-------------|----------------------|
| | | | | % | TYPE | % | FIBROUS % NONFIBROUS |
| WBS1032G01 | (b) (6) | Brown Non-Fibrous Homogeneous | Crushed | 2% | Chrysotile | | 98% Other |
| WBS1032G02 | (b) (6) | Brown Non-Fibrous Homogeneous | Crushed | 2% | Chrysotile | | 98% Other |
| WBS1709G01 | (b) (6) | Brown Non-Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |
| WBS1709G02 | (b) (6) | Brown Non-Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |
| WBS1709G03 | (b) (6) | Brown Non Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |
| WBS1709G04 | (b) (6) | Brown Non-Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |

Comments: For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately. Also "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method



Carlos D. Salinas
Analyst



Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL Houston (NVLAP Air and Bulk #102106 Texas Dept. of Health #30-0159)

EMSL Analytical, Inc.

2501 Central Pkwy, C-13

Houston, TX 77092

Phone (713) 686-3635 Fax (713) 686-3645

EMSL

Attn: Chris S

Ecology & Environment, Inc

11550 Newcastle Ave #250

Baton Rouge LA 70816

Monday, July 27 1998

Ref Number: TX983532

POLARIZED LIGHT MICROSCOPY (PLM)


Performed by EPA 600/R-93/116 Method*

Project 020601-WESTBANK ASBESTOS REMOVAL

| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | ASBESTOS | | NONASBESTOS | |
|------------|----------|-------------------------------------|---------------------|----------|------------|-------------|--------------------|
| | | | | % | TYPE | % | FIBROUS NONFIBROUS |
| WBS1709G05 | (b) (6) | Brown Non-Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |
| WBS1709G06 | | Brown Non-Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |
| WBS1709G07 | | Brown Non-Fibrous Homogeneous | Crushed | 2% | Chrysotile | | 98% Other |
| WBS1709G08 | | Brown Non-Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |
| WBS1709G09 | | Brown Non Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |
| WBS1709G10 | | Brown Non-Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |

Comments: For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately. Also "Number of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method



Carlos D. Salinas
Analyst


Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL, Houston (NVLAP Air and Bulk #102106, Texas Dept. of Health #30-0159)

EMSL Analytical, Inc.

2501 Central Pkwy, C-13

Houston, TX 77092

Phone (713) 686-3635 Fax (713) 686-3645

EMSL

Attn: Chris S

Ecology & Environment, Inc

11550 Newcastle Ave #250

Baton Rouge LA 70816

Monday July 27 1998

Ref Number: TX983532

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601-WESTBANK ASBESTOS REMOVAL

| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | <u>ASBESTOS</u> | | <u>NONASBESTOS</u> | |
|------------|----------|-------------------------------------|---------------------|-----------------|---------------|--------------------|--------------------|
| | | | | % | TYPE | % | FIBROUS NONFIBROUS |
| WBS1709G11 | (b) (6) | Brown Non-Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |
| WBS1709G12 | | Brown Non-Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |
| WBS1709G13 | | Brown Non-Fibrous Homogeneous | Crushed | | None Detected | | 100% Other |
| WBS1709G14 | | Brown Non-Fibrous Homogeneous | Crushed | | None Detected | | 100% Other |
| WBS1032G03 | | Brown Non-Fibrous Homogeneous | Crushed | | None Detected | | 100% Other |
| WBS1032G04 | | Brown Non-Fibrous Homogeneous | Crushed | | None Detected | | 100% Other |

Comments: For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately. Also "# of Layers" refers to number of separable subsamples.

NY samples also analyzed by ELAP 198-1 Method



Carlos D. Salinas
Analyst



Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL Houston (NVLAP Air and Bulk #102108, Texas Dept. of Health #30-0158)

EMSL Analytical, Inc.

2501 Central Pkwy, C-13

Houston, TX 77092

Phone (713) 686-3635 Fax (713) 686-3645

EMSL

Attn: Chris S

Ecology & Environment, Inc

11550 Newcastle Ave #250

Baton Rouge, LA 70816

Monday July 27 1998

Ref Number TX983532

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601-WESTBANK ASBESTOS REMOVAL

| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | <u>ASBESTOS</u> | | <u>NONASBESTOS</u> | |
|------------|----------|-------------------------------------|---------------------|-----------------|---------------|--------------------|----------------------|
| | | | | % | TYPE | % | FIBROUS % NONFIBROUS |
| WBS1834G01 | (b) (6) | Brown Non-Fibrous Homogeneous | Crushed | | None Detected | | 100% Other |

Comments: For all obviously heterogeneous samples easily separated into subsamples and for layered samples, each component is analyzed separately. Also "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method



Carlos D. Salinas
Analyst


Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All NVLAP® reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL Houston (NVLAP Air and Bulk #102406, Texas Dept. of Health #20-0450)

**OFFICIAL
CHAIN OF CUSTODY RECORD**

| | | | | | | | | | | | | | | | | | |
|--|----------------|---|------------------------------------|-------------|---|----------------------------|--|---|--|----------------|------------------------------------|--|---|--|----------|--|---------|
| PROJ NO 020601 | | PROJECT NAME URBAN KESTER'S REMOVAL | | | | NO OF CON TAINERS | <div style="border: 1px solid black; padding: 5px; transform: rotate(-45deg); display: inline-block;"> RW/RESID </div> | | | | | | | | | | REMARKS |
| SAMPLERS (Signature) <div style="display: flex; justify-content: space-between;"> Chas. S. Sorensen Boyan N. G. </div> | | | | | | | | | | | | | | | | | |
| STA NO | DATE | TIME | COMP | GRAB | STATION LOCATION | | | | | | | | | | | | |
| 1 | WB51032 601 | 7/16 | 0900 | X | (b) (6) | 1 | X | | | | | | | | 6-152349 | | |
| | WB51032 602 | 7/16 | 0910 | X | ↓ ↓ ↓ | 1 | X | | | | | | | | 6-152350 | | |
| 2 | WB51704 601 | 7/17 | 0900 | X | (b) (6) | 1 | X | | | | | | | | 6-152177 | | |
| | WB51704 602 | | 0905 | X | ↓ ↓ ↓ | 1 | X | | | | | | | | 6-152178 | | |
| 5 | WB51709 603 | | 0910 | X | ↓ ↓ ↓ | 1 | X | | | | | | | | 6-152179 | | |
| | WB51704 604 | | 0915 | X | ↓ ↓ ↓ | 1 | X | | | | | | | | 6-152180 | | |
| 7 | WB51704 605 | | 0920 | X | ↓ ↓ ↓ | 1 | X | | | | | | | | 6-152181 | | |
| | WB51704 606 | | 0925 | X | ↓ ↓ ↓ | 1 | X | | | | | | | | 6-152182 | | |
| 9 | WB51704 607 | | 1010 | X | ↓ ↓ ↓ | 1 | X | | | | | | | | 6-152183 | | |
| | WB51704 608 | | 1100 | | (b) (6) | 1 | X | | | | | | | | 6-152184 | | |
| 11 | WB51704 609 | | 1102 | | ↓ ↓ ↓ | 1 | X | | | | | | | | 6-152185 | | |
| | WB51704 610 | | 1104 | | ↓ ↓ ↓ | 1 | X | | | | | | | | 6-152186 | | |
| 13 | WB51704 611 | | 1106 | | ↓ ↓ ↓ | 1 | X | | | | | | | | 6-152187 | | |
| | WB51704 612 | | 1108 | | ↓ ↓ ↓ | 1 | X | | | | | | | | 6-152188 | | |
| 15 | WB51704 613 | ↓ | 1110 | | ↓ ↓ ↓ | 1 | X | | | | | | | | 6-152189 | | |
| Relinquished by (Signature) Chas. S. Sorensen | | | Date / Time 7/17/98 1630 | | Received by (Signature) [Signature] | | | Relinquished by (Signature) [Signature] | | | Date / Time 7/22/98 1600 | | Received by (Signature) [Signature] | | | | |
| Relinquished by (Signature) | | | Date / Time | | Received by (Signature) | | | Relinquished by (Signature) | | | Date / Time | | Received by (Signature) | | | | |
| Relinquished by (Signature) | | | Date / Time | | Received for Laboratory by (Signature) | | | Date / Time | | Remarks | | | | | | | |
| Shipped by | | | | | Airbill Number | | | | | | | | | | | | |
| Distribution White Accompanies Shipment Pink to Coordinator Field Files Green to Report Yellow Returns with Warrant | | | | | | | | | | | | | | | | | |

OFFICIAL CHAIN OF CUSTODY RECORD

| PROJ NO | | PROJECT NAME | | | | | | NO OF CON TAINERS | | REMARKS | | | | | | | |
|-----------------------------|------|---------------------------|------|------|------------------|----------------|---|--|--|---------|-----------------------------|--|-------------|----------|-------------------------|--|--|
| 020601 | | WESTBANK ASBESTOS REMOVAL | | | | | | | | | | | | | | | |
| SAMPLERS (Signature) | | | | | | | | | | | | | | | | | |
| STA NO | DATE | TIME | COMP | GRAB | STATION LOCATION | EPA TAG # | | | | | | | | | | | |
| WB5704 614 | 7/17 | 1112 | X | | (b) (6) | 1 | X | | | | | | | 6-152190 | | | |
| WB51032 603 | ↓ | 1350 | X | | (b) (6) | 1 | X | | | | | | | 6-152191 | | | |
| WB51032 604 | ↓ | 1355 | X | | (b) (6) | 1 | X | | | | | | | 6-152192 | | | |
| WB51034 601 | ↓ | 1550 | X | | (b) (6) | 1 | X | | | | | | | 6-152193 | | | |
| Relinquished by (Signature) | | | | | | Date / Time | | Received by (Signature) | | | Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | |
| Relinquished by (Signature) | | | | | | Date / Time | | Received by (Signature) | | | Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | |
| Relinquished by (Signature) | | | | | | Date / Time | | Received for Laboratory by (Signature) | | | Date / Time | | Remarks | | | | |
| Shipped by | | | | | | Airbill Number | | | | | | | | | | | |

EMSL Analytical, Inc.

2501 Central Pkwy, C-13

Houston, TX 77092

Phone (713) 686-3635 Fax (713) 686-3645

EMSL

Attn Amanda Looney
Ecology & Environment, Inc
11550 Newcastle Ave #250
Baton Rouge LA 70816

Tuesday July 28 1998

Ref Number TX983584

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project. 020601 RAG-WESTBANK ASBESTOS

| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | ASBESTOS | | NONASBESTOS | |
|------------|----------|-------------------------------------|---------------------|----------|---------------|-------------|----------------------|
| | | | | % | TYPE | % | FIBROUS % NONFIBROUS |
| WBS624G02 | (b) (6) | Brown Non-Fibrous Homogeneous | Crushed | | None Detected | | 100% Other |
| WBS624G03 | (b) (6) | Brown Non-Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |
| WBS1870G01 | (b) (6) | Tan Non-Fibrous Homogeneous | Crushed | 2% | Chrysotile | | 98% Other |
| WBS1870G02 | (b) (6) | Brown Non-Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |
| WBS1910G01 | (b) (6) | Brown Non-Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |
| WBS984G02 | (b) (6) | Brown Non-Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also "# of Layers" refers to number of separable subsamples

* NY samples also analyzed by ELAP 198-1 Method



Carlos D. Salinas
Analyst


Approved
Signatory

Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL Houston (NVLAP Air and Bulk #102108 Texas Dept. of Health #30-0159)

ENVIRONMENTAL PROTECTION AGENCY

OFFICIAL
CHAIN OF CUSTODY RECORD

| PROJ NO | | PROJECT NAME | | | | NO OF CON TAINERS | REMARKS | | | | | | | | | | |
|--|---------|--------------|------|--|------------------|-----------------------------|---------|--------------------|--|-------------------------|--|--|--|--|--|--|-----------------------|
| SAMPLERS (Signature) | | | | | | | | | | | | | | | | | |
| STA NO | DATE | TIME | COMP | GRAB | STATION LOCATION | | | | | | | | | | | | |
| WBS624 G02 | 7-22-98 | 1140 | X | | (b) (6) | 1 | X | | | | | | | | | | EPA Tag # 6-152713 |
| WBS624 G03 | | 1150 | X | | ↓ | 1 | X | | | | | | | | | | 6-152714 |
| WBS1870 G04 | | 1315 | X | | (b) (6) | 1 | X | | | | | | | | | | 6-152199 |
| WBS1870 G05 | | 1320 | X | | ↓ | 1 | X | | | | | | | | | | 6-152200 |
| WBS1870 (4A) | | 1315 | X | | (b) (6) | 1 | X | | | | | | | | | | 6-152199 |
| WBS1870 G12 | | 1320 | X | | ↓ | 1 | X | | | | | | | | | | 6-152200 |
| WBS1910 (C-1) | | 1510 | X | | (b) (6) | 1 | X | | | | | | | | | | 6-152705 |
| WBS984 G02 | | 1630 | X | | (b) (6) | 1 | X | | | | | | | | | | 6-152706 |
| <div style="display: flex; justify-content: space-between; width: 100%;"> 11/1/98 11/1/98 </div> | | | | | | | | | | | | | | | | | |
| Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | | | | | | |
| <i>[Signature]</i> | | 7-22-98 1700 | | | | | | | | | | | | | | | |
| Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Relinquished by (Signature) | | Date / Time | | Received for Laboratory by (Signature) | | Date / Time | | Remarks | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Shipped by | | | | Airbill Number | | | | FedEx 800990515940 | | | | | | | | | |

Distribution White Accompanies Shipment Pink to Coordinator Field Files
Green to Report Yellow Returns with Warrant

Attn Amanda Looney

Ecology & Environment, Inc.

11550 Newcastle Ave #250

Baton Rouge LA 70816

Tuesday July 28 1998

Ref Number TX983533

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project. 020601-WESTBANK ASBESTOS REMOVAL

| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | <u>ASBESTOS</u> | | <u>NONASBESTOS</u> | |
|-------------|----------|-------------------------------------|---------------------|-----------------|---------------|--------------------|----------------------|
| | | | | % | TYPE | % | FIBROUS % NONFIBROUS |
| WBS2011G01 | (b) (6) | Brown Non-Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |
| WBS2011G02 | | Brown Non-Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |
| WBS1947G01 | | Brown Non-Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |
| WBS1709G01A | | Brown Non-Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |
| WBS1709G02A | | Brown Non-Fibrous Homogeneous | Crushed | | None Detected | | 100% Other |
| WBS1709G15 | | Brown Non-Fibrous Homogeneous | Crushed | 4% | Chrysotile | | 96% Other |

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also "# of Layers" refers to number of separable subsamples

* NY samples also analyzed by ELAP 198-1 Method



Carlos D. Salinas
Analyst



Approved
Signatory

Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL Houston (NVLAP Air and Bulk #102106 Texas Dept. of Health #30-0156)

EMSL Analytical, Inc.

2501 Central Pkwy, C-13

Houston, TX 77092

Phone (713) 686-3635 Fax (713) 686-3641

EMSL

Attn Amanda Looney
Ecology & Environment, Inc
11550 Newcastle Ave #250
Baton Rouge LA 70816

Tuesday July 28 1998

Ref Number TX983533

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project. 020601-WESTBANK ASBESTOS REMOVAL

| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | ASBESTOS | | NONASBESTOS | |
|------------|----------|-------------------------------------|---------------------|----------|------------|-------------|--------------------|
| | | | | % | TYPE | % | FIBROUS NONFIBROUS |
| WBS1709G16 | (b) (6) | Brown Non-Fibrous Homogeneous | Crushed | 5% | Chrysotile | | 95% Other |
| WBS2016G01 | | Brown Non-Fibrous Homogeneous | Crushed | 2% | Chrysotile | | 98% Other |
| WBS1307G01 | | Brown Non-Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |
| WBS1519G03 | | Brown Non-Fibrous Homogeneous | Crushed | 2% | Chrysotile | | 98% Other |

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also *# of Layers refers to number of separable subsamples

NY samples also analyzed by ELAP 198-1 Method



Carlos D Salinas
Analyst


Approved
Signatory

Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos Thus negative PLM results cannot be guaranteed Samples reported as <1% or none detected should be tested with either SEM or TEM The above test report relates only to the items tested This report may only be reproduced in part with written approval by EMSL The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government All NVLAP reports with NVLAP logo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples

Analysis performed by EMSL Houston (NVLAP Air and Bulk #102100 Texas Dept of Health #00-0450)

OFFICIAL CHAIN OF CUSTODY RECORD

EPA 7500-53
(11/96)

6- 10259

EMSL Analytical, Inc.

2501 Central Pkwy, C-13

Houston, TX 77092

Phone (713) 686-3635 Fax (713) 686-3645

EMSL

Attn Amanda Looney

Ecology & Environment, Inc.

11550 Newcastle Ave #250

Baton Rouge LA 70816

REC'D AUG 10 1998

Monday August 03 1998

Ref Number TX983614

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601RAG1-WESTBANK ASBESTOS

| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | ASBESTOS | | NONASBESTOS | |
|------------|----------|-------------------------------------|---------------------|----------|------------|-------------|----------------------|
| | | | | % | TYPE | % | FIBROUS % NONFIBROUS |
| WBS1828G01 | (b) (6) | Brown Non-Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |
| WBS1996G03 | | Brown Non-Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |

Comments: For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately. Also "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method



Carlos D. Salinas
Analyst



Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All NVLAP® reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL Houston (NVLAP Air and Bulk #102106, Texas Dept. of Health #30-0159)

OFFICIAL CHAIN OF CUSTODY RECORD

EPA 7500-53
(11/96)

EMSL Analytical, Inc.

2501 Central Pkwy, C-13

Houston, TX 77092

Phone (713) 686-3635 Fax (713) 686-3645

EMSL

Attn Amanda Looney
Ecology & Environment, Inc
11550 Newcastle Ave #250
Baton Rouge LA 70816

Monday, August 03 1998

REC'D AUG 10 1998

Ref Number TX983615

POLARIZED LIGHT MICROSCOPY (PLM)


Performed by EPA 600/R-93/116 Method*

Project. 020601RAG1-WESTBANK ASBESTOS

| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | ASBESTOS | | NONASBESTOS | |
|------------|----------|-------------------------------------|---------------------|----------|------------|-------------|----------------------|
| | | | | % | TYPE | % | FIBROUS % NONFIBROUS |
| WBS1804G01 | (b) (6) | Brown Non-Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |
| WBS1434G01 | (b) (6) | Brown Non-Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |
| WBS1942G01 | (b) (6) | Brown Non-Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |
| WBS1972G01 | (b) (6) | Brown Non-Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |
| WBS1972G02 | (b) (6) | Brown Non-Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also '# of Layers' refers to number of separable subsamples

* NY samples also analyzed by ELAP 198-1 Method



Carlos D. Salinas
Analyst



Approved
Signatory

Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL Houston (NVLAP Air and Bulk #102106 Texas Dept. of Health #30-0159)

**OFFICIAL
CHAIN OF CUSTODY RECORD**

| | | | | | | | | | | | | | | | | | |
|---|---------|-----------------------------------|------|--|------------------|-----------------------------|---|---|--|---|--|--|--|--|--|---|--|
| PROJ NO 020601 RAC21 | | PROJECT NAME Westbank Asbestos | | | | NO OF CON TAINERS | | <div style="transform: rotate(-45deg); display: inline-block;">PML Asbestos</div> | | | | | | | | | |
| SAMPLERS (Signature) <i>[Signature]</i> | | | | | | | | | | | | | | | | | |
| STA NO | DATE | TIME | COMP | GRAB | STATION LOCATION | | | | | | | | | | | | |
| WBS1001 G01 | 7-23-98 | 1158 | X | | (b) (6) | 1 | X | | | | | | | | | EPA Tag # 6-152707 6-152709 6-152711 6-152716 6-152717 | |
| WBS1434 G01 | | 1521 | X | | | 1 | X | | | | | | | | | | |
| WBS1942 G01 | | 1540 | X | | | 1 | X | | | | | | | | | | |
| WBS1972 G01 | | 1605 | X | | | 1 | X | | | | | | | | | | |
| WBS1972 G02 | | 1610 | X | | | 1 | X | | | | | | | | | | |
| <div style="position: relative; width: 100%; height: 100%;"> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black; background: linear-gradient(to top right, transparent 49%, black 49%, black 51%, transparent 51%); background-size: 400% 400%;"></div> </div> | | | | | | | | | | | | | | | | | |
| Relinquished by (Signature) <i>[Signature]</i> | | Date / Time 7-23-98 1700 | | Received by (Signature) | | Relinquished by (Signature) | | Date / Time 7-27-98 | | Received by (Signature) <i>[Signature]</i> | | | | | | | |
| Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | | | | | | |
| Relinquished by (Signature) | | Date / Time | | Received for Laboratory by (Signature) | | Date / Time | | Remarks | | | | | | | | | |
| Shipped by | | | | Airbill Number | | | | FedEx 600990515950 (6) | | | | | | | | | |

Distribution White Accompanies Shipment Pink to Coordinator Field Files
Green to Report Yellow Returns with Warrant

EMSL Analytical, Inc.

2501 Central Pkwy, C-13

Houston, TX 77092

Phone (713) 686-3635 Fax (713) 686-3645

EMSL

Attn: Amanda Looney
Ecology & Environment, Inc
11550 Newcastle Ave #250
Baton Rouge LA 70816

Monday August 03 1998

Ref Number: TX983739

POLARIZED LIGHT MICROSCOPY (PLM)


Performed by EPA 600/R-93/116 Method*

Project: 020601RAG-WESTBANK ASBESTOS

| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | ASBESTOS | | NONASBESTOS | |
|------------|----------|-------------------------------------|---------------------|----------|------------|-------------|----------------------|
| | | | | % | TYPE | % | FIBROUS % NONFIBROUS |
| WBS2003G01 | (b) (6) | Brown Non-Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |
| WBS2003G02 | | Brown Non-Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |
| WBS2003G03 | | Brown Non-Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |
| WBS2003G04 | | Brown Non-Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |
| WBS2003G05 | | Brown Non-Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |
| WBS037G01 | | Brown Non-Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |

Comments: For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately. Also "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method



Carlos D. Salinas
Analyst



Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All NVLAP® reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL Houston (NVLAP Air and Bulk #102106 Texas Dept. of Health #30-0159)

EMSL Analytical, Inc.

2501 Central Pkwy, C-13

Houston, TX 77092

Phone (713) 686-3635 Fax (713) 686-3645

EMSL

Attn Amanda Looney
Ecology & Environment, Inc
11550 Newcastle Ave #250
Baton Rouge LA 70816

Monday August 03 1998

Ref Number TX983739

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601RAG-WESTBANK ASBESTOS

| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | ASBESTOS | | NONASBESTOS | |
|-----------|----------|-------------------------------------|---------------------|----------|------------|-------------|----------------------|
| | | | | % | TYPE | % | FIBROUS % NONFIBROUS |
| WBS037G02 | (b) (6) | Brown Non-Fibrous Homogeneous | Crushed | 2% | Chrysotile | | 98% Other |
| WBS037G03 | | Brown Non-Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

NY samples also analyzed by ELAP 198-1 Method



Carlos D. Salinas
Analyst



Approved
Signatory

Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL Houston (NVLAP Air and Bulk #102106 Texas Dept. of Health #30-0159)

OFFICIAL

| PROJ NO 020601 | | PROJECT NAME Westbank Asbestos | | NO OF CON TAINERS | | REMARKS | |
|-----------------------------|---------|-----------------------------------|------|--|------------------|-----------------------------|----------|
| SAMPLERS (Signature) | | | | | | | |
| STA NO | DATE | TIME | COMP | GRAB | STATION LOCATION | | EPA Tag# |
| WB52003 G01 | 7-27-98 | 1400 | X | | (b) (6) | | 6-152722 |
| WB52003 G02 | | 1405 | X | | | | 6-152723 |
| WB52003 G03 | | 1410 | X | | | | 6-152724 |
| WB52003 G04 | | 1415 | X | | | | 6-152725 |
| WB52003 G05 | | 1420 | X | | | | 6-152726 |
| WB5037 G01 | | 1440 | ✓ | | (b) (6) | | 6-152727 |
| WB5037 G02 | | 1442 | X | | | | 6-152728 |
| WB5037 G03 | | 1445 | X | | | | 6-152729 |
| Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | Relinquished by (Signature) | |
| [Signature] | | 6/27/98 1600 | | | | [Signature] | |
| Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | Relinquished by (Signature) | |
| | | | | | | | |
| Relinquished by (Signature) | | Date / Time | | Received for Laboratory by (Signature) | | Date / Time | |
| | | | | | | | |
| Shipped by | | | | Airbill Number | | Remarks | |
| | | | | | | File # 800990516008 | |

Distribution White Accompanies Shipment Pink to Coordinator Field Files

EMSL Analytical, Inc

2501 Central Pkwy, C-13

Houston, TX 77092

Phone (713) 686-3635 Fax (713) 686-3645

EMSL

Attn Amanda Loone
Ecology & Environment, Inc
11550 Newcastle Ave #250
Baton Rouge, LA 70816

Thursday November 19, 1998

Ref Number TX985390

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project WESTBANK ASBESTOS (020601)

| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | ASBESTOS | | NONASBESTOS | |
|--------------------|----------|-------------------------------------|---------------------|---------------|------------|-------------|--------------------|
| | | | | % | TYPE | % | FIBROUS NONFIBROUS |
| WBS2020-G01 | (b) (6) | Brown Non-Fibrous Homogeneous | Teased | < 1% | Chrysotile | 100% | Other |
| WBS553-G02 | | Brown Non-Fibrous Homogeneous | Teased | < 1% | Chrysotile | 100% | Other |
| WBS1922 G01 | | Brown Non-Fibrous Homogeneous | Teased | < 1% | Chrysotile | 100% | Other |
| WBS1921 G01 | | Brown Non Fibrous Homogeneous | Teased | 2% | Chrysotile | 98% | Other |
| WBS1909-G01 | | Brown Non-Fibrous Homogeneous | Teased | < 1% | Chrysotile | 100% | Other |
| WBS1909-G01 G02 | | Brown Non Fibrous Homogeneous | Teased | None Detected | | 100% | Other |

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

* NY samples also analyzed by ELAP 198-1 Method

Carlos D Salinas
Analyst

Approved
Signatory

Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos Thus negative PLM results cannot be guaranteed Samples reported as <1% or none detected should be tested with either SEM or TEM The above test report relates only to the items tested This report may only be reproduced in part with written approval by EMSL The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples

Analysis performed by EMSL Houston (NVLAP Air and Bulk #102100 Texas Dept. of Health #30-0159)

EMSL Analytical, Inc

2501 Central Pkwy, C-13

Houston, TX 77092

Phone (713) 686-3635 Fax (713) 686-3636

EMSL

Attn Amanda Loone
Ecology & Environment, Inc
11550 Newcastle Ave #250
Baton Rouge, LA 70816

Thursday, November 19, 1998

Ref Number TX985390

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project WESTBANK ASBESTOS (020601)

| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | <u>ASBESTOS</u> | | <u>NONASBESTOS</u> | |
|--------------------|----------|-------------------------------------|---------------------|-----------------|------------|--------------------|------------|
| | | | | % | TYPE | % | NONFIBROUS |
| WBS1962-004 G02 | (b) (6) | Brown Non-Fibrous Homogeneous | Teased | < 1% | Chrysotile | 100% | Other |
| WBS1962-002 G03 | | Brown Non-Fibrous Homogeneous | Teased | < 1% | Chrysotile | 100% | Other |

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also "# of Layers" refers to number of separable subsamples

* NY samples also analyzed by ELAP 198-1 Method

Carlos D Salinas
Analyst

Approved
Signatory

Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos Thus negative PLM results cannot be guaranteed Samples reported as <1% or none detected should be tested with either SEM or TEM The above test report relates only to the items tested This report may only be reproduced in part with written approval by EMSL The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government All NVLAP reports with NVLAP logo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples

Analysis performed by EMSL Houston (NVLAP Air and Bulk #102108 Texas Dept of Health #30-0159)

OFFICIAL CHAIN OF CUSTODY RECORD

| PROJ NO | | PROJECT NAME | | NO OF CONTAINERS | | REMARKS | | |
|---|-------------------|--------------|------|------------------|------------------|---------|--|-----------|
| SAMPLERS (Signature) | | | | | | | | |
| 020601 | Westbank Asbestor | | | | | | | |
| STA NO | DATE | TIME | COMP | GRAB | STATION LOCATION | | | EPA TAG # |
| WBS2020 G01 | 11/11/98 | 1350 | ✓ | | (b) (6) | ✓ | | 6-152715 |
| WBS553 G02 | 11/11/98 | 1530 | ✓ | | | ✓ | | 6-152731 |
| WBS1922 G01 | 11/12/98 | 850 | ✓ | | | ✓ | | 6-152733 |
| WBS1921 G01 | 11/12/98 | 1515 | ✓ | | | ✓ | | 6-152732 |
| WBS1909 G01 | 11/13/98 | 1609 | ✓ | | | ✓ | | 6-152730 |
| WBS1969 G01 | 11/13/98 | 1030 | ✓ | | | ✓ | | 6-152737 |
| WBS1962 G02 | 11/14/98 | 1413 | ✓ | | | ✓ | | 6-152735 |
| WBS1962 G02 | 11/14/98 | 1413 | ✓ | | | ✓ | | 6-152736 |
| <div>Relinquished by (Signature) Date / Time Received by (Signature) Relinquished by (Signature) Date / Time Received by (Signature)</div> <div>Paul J. [Signature] 11/16/98 11:52 [Signature]</div> <div>Relinquished by (Signature) Date / Time Received by (Signature) Relinquished by (Signature) Date / Time Received by (Signature)</div> <div>Paul J. [Signature] 11/16/98 [Signature]</div> <div>Relinquished by (Signature) Date / Time Received for Laboratory by (Signature) Date / Time Remarks</div> <div>Shipped by Airbill Number KJ6103-020601RAXX</div> <div>Distribution White Accompanies Shipment Pink to Coordinator Field Files</div> | | | | | | | | |

EMSL Analytical, Inc.

2501 Central Pkwy, C-13

Houston, TX 77092

Phone (713) 686-3635 Fax (713) 686-3645

EMSL

Attn: Amanda Loone

Ecology & Environment, Inc

11550 Newcastle Ave #250

Baton Rouge LA 70811

Tuesday November 24 1998

Ref Number TX985482

POLARIZED LIGHT MICROSCOPY (PLM)

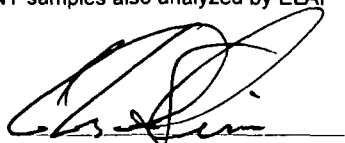
Performed by EPA 600/R-93/116 Method*

Project WESTBANK ASBESTOS (020601)

| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | ASBESTOS | | NONASBESTOS | |
|------------|----------|-------------------------------------|---------------------|----------|------------|-------------|--------------------|
| | | | | % | TYPE | % | FIBROUS NONFIBROUS |
| WSB1916G01 | (b) (6) | Brown Non Fibrous Homogeneous | Crushed | 2% | Chrysotile | | 98% Other |
| WSB1916G02 | | Brown Non Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |
| WSB2017G01 | | Brown Non Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |
| WSB2017G02 | | Brown Non Fibrous Homogeneous | Crushed | 2% | Chrysotile | | 98% Other |
| WSB2017G03 | | Brown Non Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |
| WSB2017G04 | | Brown Non Fibrous Homogeneous | Crushed | 2% | Chrysotile | | 98% Other |

Comments: For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately. Also # of Layers refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198.1 Method



Carlos D. Salinas
Analyst



Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All NVLAP reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL Houston (NVLAP Air and Bulk #102106 Texas Dept. of Health #30-0159)

OFFICIAL

EPA 7500-53
(11/96)

EMSL Analytical, Inc.

2501 Central Pkwy, C-13

Houston, TX 77092

Phone (713) 686-3635 Fax (713) 686-3645

EMSL

Attn Amanda Loone
Ecology & Environment, Inc
11550 Newcastle Ave #250
Baton Rouge LA 70816

Thursday December 03 1998

Ref Number TX985404

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project. 020601-WESTBANK ASBESTOS

| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | ASBESTOS | | NONASBESTOS | |
|------------|----------|---------------------------------|---------------------|-----------------------------|------|-------------|--------------------|
| | | | | % | TYPE | % | FIBROUS NONFIBROUS |
| WBS2025G01 | (b) (6) | Brown Fibrous Homogeneous | Teased | 3% Chrysotile 2% Amosite | | 95% | Other |
| WBS588G02 | | Brown Fibrous Homogeneous | Teased | < 1% Chrysotile | | 100% | Other |
| WBS726G01 | | Brown Fibrous Homogeneous | Teased | < 1% Chrysotile | | 100% | Other |
| WBS726G02 | | Brown Fibrous Homogeneous | Teased | 5% Chrysotile 3% Amosite | | 92% | Other |
| WBS1816G01 | | Brown Fibrous Homogeneous | Teased | < 1% Chrysotile | | 100% | Other |
| WBS1914G01 | | Brown Fibrous Homogeneous | Teased | 2% Chrysotile | | 98% | Other |

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also "# of Layers" refers to number of separable subsamples

* NY samples also analyzed by ELAP 198-1 Method

Arthur Hernandez Jr
Analyst

Approved
Signatory

Disclaimers. PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL Houston (NVLAP Air and Bulk #102106 Texas Dept. of Health #30-0159)

**OFFICIAL
CHAIN OF CUSTODY RECORD**

| | | | | | | | | | | | | | | | | | | |
|--|----------|---|------|--|------------------|-----------------------------|---|---|--|-----------------------------|--|--|--|--|--|--|--|-----------------------------|
| PROJ NO 020601 | | PROJECT NAME WEST BANK ASBESTOS | | | | NO OF CON TAINERS | | <div style="transform: rotate(-45deg); display: inline-block;">PLM (Asbestos)</div> | | | | | | | | | | |
| SAMPLERS (Signature) | | | | | | | | | | | | | | | | | | |
| STA NO | DATE | TIME | COMP | GRAB | STATION LOCATION | | | | | | | | | | | | | |
| WBS2025 G01 | 11/21/98 | 0720 | ✓ | | (b) (6) | 1 | 1 | | | | | | | | | | | EPA TAG# 6-152743 |
| WBS588 G02 | 11/23/98 | 1000 | ✓ | | | 1 | 7 | | | | | | | | | | | 6-152744 |
| WBS726 G01 | 11/23/98 | 1400 | ✓ | | | 1 | 1 | | | | | | | | | | | 6-152739 |
| WBS726 G02 | 11/23/98 | 1405 | ✓ | | | 1 | 1 | | | | | | | | | | | 6-152745 |
| WBS1816 G01 | 11/24/98 | 1105 | ✓ | | | 1 | 1 | | | | | | | | | | | 6-057801 |
| WBS1814 G01 | 11/24/98 | 1430 | ✓ | | | 1 | 1 | | | | | | | | | | | 6-057802 |
| <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> 11/24/98 </div> <div style="text-align: center;"> 11/24/98 </div> </div> | | | | | | | | | | | | | | | | | | |
| Relinquished by (Signature) | | Date / Time 11/24/98 1517 | | Received by (Signature) | | Relinquished by (Signature) | | Date / Time 11/25/98 1930 | | Received by (Signature) | | | | | | | | |
| Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | | | | | | | |
| Relinquished by (Signature) | | Date / Time | | Received for Laboratory by (Signature) | | Date / Time | | Remarks | | | | | | | | | | |
| Shipped by | | | | Airbill Number | | | | | | | | | | | | | | |

Distribution White Accompanies Shipment Pink to Coordinator Field Files
Green to Report Yellow Returns with Warrant

VERBAL

(b) (6)



Files B-1 END FEB

EMSL Analytical, Inc.

2501 Central Pkwy, C-13

Houston, TX 77092

Phone (713) 686-3635 Fax (713) 686-3645

EMSL

Attn Amanda Loone

Ecology & Environment, Inc.

11550 Newcastle Ave #250

Baton Rouge LA 70816

REC'D DEC 14 1998

Tuesday, December 08 1998

Ref Number TX985622

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project. 020601-RAG1-WESTBANK ASBESTOS

| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | ASBESTOS | | NONASBESTOS | |
|-----------|----------|---------------------------------|---------------------|----------|------------|-------------|---------|
| | | | | % | TYPE | % | FIBROUS |
| WBS528G01 | (b) (6) | Brown Fibrous Homogeneous | Teased | < 1% | Chrysotile | 100% | Other |
| WBS528G02 | | Brown Fibrous Homogeneous | Teased | 2% | Chrysotile | 98% | Other |
| WBS528G03 | | Brown Fibrous Homogeneous | Teased | 3% | Chrysotile | 97% | Other |
| WBS528G04 | | Brown Fibrous Homogeneous | Teased | < 1% | Chrysotile | 100% | Other |
| WBS528G05 | | Brown Fibrous Homogeneous | Teased | 2% | Chrysotile | 98% | Other |
| WBS528G06 | | Brown Fibrous Homogeneous | Teased | < 1% | Chrysotile | 100% | Other |

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also "# of Layers" refers to number of separable subsamples

* NY samples also analyzed by ELAP 198-1 Method



Arthur Hernandez Jr
Analyst



Approved
Signatory

Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL Houston (NVLAP Air and Bulk #102108 Texas Dept. of Health #30-0159)

EMSL Analytical, Inc.

2501 Central Pkwy, C-13

Houston, TX 77092

Phone (713) 686-3635 Fax (713) 686-3645

EMSL

Attn Amanda Loone
Ecology & Environment, Inc
11550 Newcastle Ave #250
Baton Rouge LA 70816

Tuesday December 08 1998

Ref Number TX985622

POLARIZED LIGHT MICROSCOPY (PLM)


Performed by EPA 600/R-93/116 Method*

Project 020601-RAG1-WESTBANK ASBESTOS

| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | ASBESTOS | | NONASBESTOS | |
|-----------|----------|---------------------------------|---------------------|----------|------------|-------------|----------------------|
| | | | | % | TYPE | % | FIBROUS % NONFIBROUS |
| WBS528G07 | (b) (6) | Brown Fibrous Homogeneous | Teased | < 1% | Chrysotile | | 100% Other |

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also "# of Layers" refers to number of separable subsamples

* NY samples also analyzed by ELAP 198-1 Method



Arthur Hernandez, Jr
Analyst



Approved
Signatory

Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos Thus negative PLM results cannot be guaranteed Samples reported as <1% or none detected should be tested with either SEM or TEM The above test report relates only to the items tested This report may only be reproduced in part with written approval by EMSL The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples

Analysis performed by EMSL Houston (NVLAP Air and Bulk #102106 Texas Dept. of Health #30-0159)

OFFICIAL CHAIN OF CUSTODY RECORD

[illegible]

EMSL Analytical, Inc.

2501 Central Pkwy, C-13

Houston, TX 77092

Phone (713) 686-3635 Fax (713) 686-3645

EMSL

Attn Amanda Loone
Ecology & Environment, Inc
11550 Newcastle Ave #250
Baton Rouge, LA 70816

Friday December 11 1998

REC'D DEC 21 1998 Ref Number TX985681

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project. 020601RAG1-WESTBANK ASBESTOS

| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | ASBESTOS | | NONASBESTOS | |
|------------|----------|-------------------------------------|---------------------|----------|------------|-------------|----------------------|
| | | | | % | TYPE | % | FIBROUS % NONFIBROUS |
| WBS336G01 | (b) (6) | Brown Non-Fibrous Homogeneous | Teased | 2% | Chrysotile | | 98% Other |
| WBS336G02 | | Brown Non-Fibrous Homogeneous | Teased | < 1% | Chrysotile | | 100% Other |
| WBS336G03 | | Brown Non-Fibrous Homogeneous | Teased | 5% | Chrysotile | | 95% Other |
| WBS1550G01 | | Brown Non-Fibrous Homogeneous | Teased | < 1% | Chrysotile | | 100% Other |
| WBS2023G01 | | Brown Non-Fibrous Homogeneous | Teased | 2% | Chrysotile | | 98% Other |
| WBS2023G02 | | Brown Non-Fibrous Homogeneous | Teased | < 1% | Chrysotile | | 100% Other |

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also "# of Layers" refers to number of separable subsamples

* NY samples also analyzed by ELAP 198-1 Method



Carlos D. Salinas
Analyst



Approved
Signatory

Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos Thus negative PLM results cannot be guaranteed Samples reported as <1% or none detected should be tested with either SEM or TEM The above test report relates only to the items tested This report may only be reproduced in part with written approval by EMSL The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples

Analysis performed by EMSL Houston (NVLAP Air and Bulk #102106 Texas Dept. of Health #30-0159)

EMSL Analytical, Inc.

2501 Central Pkwy, C-13

Houston, TX 77092

Phone (713) 686-3635 Fax (713) 686-3645

EMSL

Attn Amanda Loone
Ecology & Environment, Inc
11550 Newcastle Ave #250
Baton Rouge, LA 70816

Friday December 11 1998

Ref Number TX985681

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project. 020601RAG1-WESTBANK ASBESTOS

| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | ASBESTOS | | NONASBESTOS | |
|------------|----------|-------------------------------------|---------------------|----------|------------|-------------|----------------------|
| | | | | % | TYPE | % | FIBROUS % NONFIBROUS |
| WBS2024G01 | (b) (6) | Brown Non-Fibrous Homogeneous | Teased | < 1% | Chrysotile | | 100% Other |
| WBS2024G02 | | Brown Non-Fibrous Homogeneous | Teased | 2% | Chrysotile | | 98% Other |
| WBS2024G03 | | Brown Non-Fibrous Homogeneous | Teased | 2% | Chrysotile | | 98% Other |

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also "# of Layers" refers to number of separable subsamples

* NY samples also analyzed by ELAP 198-1 Method



Carlos D. Salinas
Analyst



Approved
Signatory

Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL Houston (NVLAP Air and Bulk #102108 Texas Dept. of Health #30-0159)

OFFICIAL CHAIN OF CUSTODY RECORD

EPA 7500-53
(11/96)

EMSL Analytical, Inc.

2501 Central Pkwy, C-13

Houston, TX 77092

Phone (713) 686-3635

Fax (713) 686-3645

EMSL

Attn Amanda Loone

Ecology & Environment, Inc

11550 Newcastle Ave #250

Baton Rouge LA 70816

Wednesday December 16 1998

REC'D DEC 21 1998 Ref Number TX985735

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601-RAG1-WESTBANK ASBESTOS

| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | ASBESTOS | | NONASBESTOS | |
|------------|----------|-------------------------------------|---------------------|----------|------------|-------------|--------------------|
| | | | | % | TYPE | % | FIBROUS NONFIBROUS |
| WBS1895G01 | (b) (6) | Brown Non Fibrous Homogeneous | Teased | 2% | Chrysotile | | 98% Other |
| WBS1895G02 | (b) (6) | Brown Non Fibrous Homogeneous | Teased | < 1% | Chrysotile | | 100% Other |
| WBS1895G03 | (b) (6) | Brown Non Fibrous Homogeneous | Teased | < 1% | Chrysotile | | 100% Other |
| WBS1879G01 | (b) (6) | Brown Non Fibrous Homogeneous | Teased | 4% | Chrysotile | | 96% Other |
| WBS1879G02 | (b) (6) | Brown Non Fibrous Homogeneous | Teased | 4% | Chrysotile | | 96% Other |
| WBS1879G03 | (b) (6) | Brown Non Fibrous Homogeneous | Teased | 2% | Chrysotile | | 98% Other |

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately
Also # of Layers refers to number of separable subsamples

* NY samples also analyzed by ELAP 198 1 Method

Carlos D Salinas
Analyst

Approved
Signatory

Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All NVLAP reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL Houston (NVLAP Air and Bulk #102106 Texas Dept. of Health #30-0150)

EMSL Analytical, Inc.

2501 Central Pkwy, C-13

Houston, TX 77092

Phone (713) 686-3635

Fax (713) 686-3645

EMSL

Attn Amanda Loone

Ecology & Environment, Inc

11550 Newcastle Ave #250

Baton Rouge LA 70816

Wednesday December 16 1998

Ref Number TX985735

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601-RAG1-WESTBANK ASBESTOS

| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | ASBESTOS | | NONASBESTOS | | |
|------------|----------|-------------------------------------|---------------------|----------|------------|-------------|---------|--------------|
| | | | | % | TYPE | % | FIBROUS | % NONFIBROUS |
| WBS1708G01 | (b) (6) | Brown Non Fibrous Homogeneous | Teased | < 1% | Chrysotile | | | 100% Other |
| WBS1708G02 | | Brown Non Fibrous Homogeneous | Teased | 2% | Chrysotile | | | 98% Other |
| WBS1708G03 | | Brown Non Fibrous Homogeneous | Teased | 2% | Chrysotile | | | 98% Other |
| WBS1708G04 | | Brown Non Fibrous Homogeneous | Teased | < 1% | Chrysotile | | | 100% Other |

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

* NY samples also analyzed by ELAP 198 1 Method


Carlos D. Salinas
Analyst


Approved
Signatory

Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All NVLAP reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL Houston (NVLAP Air and Bulk #102106 Texas Dept. of Health #30-0159)

OFFICIAL CHAIN OF CUSTODY RECORD

| PROJ NO 020601 RAG1 | | PROJECT NAME WESTBANK ASBESTOS | | | | NO OF CON TAINERS | ASBESTOS - PLM | | | | | | | | | | REMARKS |
|---|----------|-----------------------------------|------|--|------------------|-----------------------------|----------------|---------------------------------|--|-------------------------|--|-----------------------------|--|-------------|--|-------------------------|-------------------|
| SAMPLERS (Signature) <i>[Signature]</i> | | | | | | | | | | | | | | | | | |
| STA NO | DATE | TIME | COMP | GRAB | STATION LOCATION | | | | | | | | | | | | |
| WBS1895 G01 | 12/8/98 | 1340 | X | | (b) (6) | 1 | X | | | | | | | | | | Tag # 6-152271 |
| WBS1895 G02 | 12/8/98 | 1345 | X | | | 1 | X | | | | | | | | | | 6-152272 |
| WBS1895 G03 | 12/8/98 | 1340 | X | | | 1 | X | | | | | | | | | | 6-152273 |
| WBS1879 G01 | 12/9/98 | 1310 | X | | (b) (6) | 1 | X | | | | | | | | | | 6-152274 |
| WBS1879 G02 | 12/9/98 | 1610 | X | | | 1 | X | | | | | | | | | | 6-152275 |
| WBS1879 G03 | 12/9/98 | 1615 | X | | | 1 | X | | | | | | | | | | 6-152276 |
| WBS1708 G01 | 12/10/98 | 1525 | X | | (b) (6) | 1 | X | | | | | | | | | | 6-152277 |
| WBS1708 G02 | 12/10/98 | 1530 | X | | | 1 | X | | | | | | | | | | 6-152278 |
| WBS1708 G03 | 12/10/98 | 1535 | X | | | 1 | X | | | | | | | | | | 6-152279 |
| WBS1708 G04 | 12/10/98 | 1540 | X | | | 1 | X | | | | | | | | | | 6-152280 |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Relinquished by (Signature) <i>[Signature]</i> | | Date / Time 12/11/98 0900 | | Received by (Signature) | | Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | Relinquished by (Signature) | | Date / Time | | Received by (Signature) | |
| Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | Relinquished by (Signature) | | Date / Time | | Received by (Signature) | |
| Relinquished by (Signature) | | Date / Time | | Received for Laboratory by (Signature) | | Date / Time | | Remarks K56103 / 020601 RAG1 | | | | | | | | | |
| Shipped by | | | | Airbill Number | | | | | | | | | | | | | |

Distribution White Accompanies Shipment Pink to Coordinator Field Files
Green to Report Yellow Returns with Warrant

EMSL Analytical, Inc.

2501 Central Pkwy, C-13

Houston, TX 77092

Phone (713) 686-3635 Fax (713) 686-3645

EMSL

Attn: Amanda Loone

Ecology & Environment, Inc

11550 Newcastle Ave #250

Baton Rouge LA 70816

Monday January 11 1999

Ref Number TX9949

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

REC'D JAN 15 1999

Project 020601-RAG1-WESTBANK ASBESTOS

| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | ASBESTOS | | NONASBESTOS | |
|------------|----------|-------------------------------------|---------------------|----------|------------|-------------|------------|
| | | | | % | TYPE | % | NONFIBROUS |
| WBS1708G07 | (b) (6) | Brown Non Fibrous Homogeneous | Teased | < 1% | Chrysotile | 100% | Other |
| WBS1708G08 | | Brown Non Fibrous Homogeneous | Teased | 2% | Chrysotile | 98% | Other |
| WBS1708G05 | | Brown Non Fibrous Homogeneous | Teased | 2% | Chrysotile | 98% | Other |
| WBS1708G06 | | Brown Non Fibrous Homogeneous | Teased | 2% | Chrysotile | 98% | Other |
| WBS1708G09 | | Brown Non Fibrous Homogeneous | Teased | 2% | Chrysotile | 98% | Other |
| WBS1708G10 | | Brown Non Fibrous Homogeneous | Teased | 2% | Chrysotile | 98% | Other |

Comments: For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately. Also # of Layers refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198.1 Method



Carlos D. Salinas
Analyst



Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All NVLAP reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL Houston (NVLAP Air and Bulk #102106, Texas Dept. of Health #20-0150)

EMSL Analytical, Inc.

2501 Central Pkwy, C-13

Houston, TX 77092

Phone (713) 686-3635

Fax (713) 686-3645

EMSL

Attn: Amanda Loone

Ecology & Environment, Inc

11550 Newcastle Ave #250

Baton Rouge LA 70816

Monday January 11 1999

Ref Number TX9949

POLARIZED LIGHT MICROSCOPY (PLM)


Performed by EPA 600/R-93/116 Method*

Project 020601-RAG1-WESTBANK ASBESTOS

| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | ASBESTOS | | NONASBESTOS | |
|------------|----------|-------------------------------------|---------------------|----------|------------|-------------|--------------------|
| | | | | % | TYPE | % | FIBROUS NONFIBROUS |
| WBS1708G11 | (b) (6) | Brown Non Fibrous Homogeneous | Teased | 2% | Chrysotile | | 98% Other |
| WBS1708G12 | | Brown Non Fibrous Homogeneous | Teased | 2% | Chrysotile | | 98% Other |
| WBS1708G13 | | Brown Non Fibrous Homogeneous | Teased | 2% | Chrysotile | | 98% Other |
| WBS1963G01 | | Brown Non Fibrous Homogeneous | Teased | < 1% | Chrysotile | | 100% Other |
| WBS1963G02 | | Brown Non Fibrous Homogeneous | Teased | < 1% | Chrysotile | | 100% Other |

Comments: For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately. Also # of Layers refers to number of separable subsamples.

NY samples also analyzed by ELAP 198.1 Method



Carlos D. Salinas
Analyst



Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All NVLAP reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL Houston (NVLAP Air and Bulk #102106, Texas Dept. of Health #20-0156)

OFFICIAL
CHAIN OF CUSTODY RECORD

| PROJ NO 020601 RAG1 | | PROJECT NAME WESTBANK ASBESTOS | | | | NO OF CON TAINERS | PLM - ASBESTOS | | | | | | | | | | REMARKS TAG # |
|---|----------|-----------------------------------|------|---|------------------|----------------------------|-----------------------------|--|------------------------------|----------------------|-------------------------|--|--|--|----------|--|----------------------|
| SAMPLERS (Signature) <i>[Signature]</i> | | | | | | | | | | | | | | | | | |
| STA NO | DATE | TIME | COMP | GRAB | STATION LOCATION | | | | | | | | | | | | |
| WBS1708 G07 | 12/10/98 | 1545 | X | | (b) (6) | 1 | X | | | | | | | | 6-152283 | | |
| WBS1708 G08 | 12/10/98 | 1550 | X | | | 1 | X | | | | | | | | 6-152284 | | |
| WBS1708 G05 | 12/11/98 | 1525 | X | | | 1 | X | | | | | | | | 6-152281 | | |
| WBS1708 G06 | 12/11/98 | 1530 | X | | | 1 | X | | | | | | | | 6-152282 | | |
| WBS1708 G09 | 12/14/98 | 1550 | X | | | 1 | X | | | | | | | | 6-152285 | | |
| WBS1708 G10 | 12/11/98 | 1555 | X | | | 1 | X | | | | | | | | 6-152286 | | |
| WBS1708 G11 | 12/11/98 | 1600 | X | | | 1 | X | | | | | | | | 6-152287 | | |
| WBS1708 G12 | 12/11/98 | 1605 | X | | | 1 | X | | | | | | | | 6-152288 | | |
| WBS1708 G13 | 12/11/98 | 1610 | X | | (b) (6) | 1 | X | | | | | | | | 6-152289 | | |
| WBS1963 G01 | 12/12/98 | 1000 | X | | | 1 | X | | | | | | | | 6-152290 | | |
| WBS1963 G02 | 12/12/98 | 1010 | X | | | 1 | X | | | | | | | | 6-152291 | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Relinquished by (Signature) <i>Gregory R Day</i> | | Date / Time 12/12/98 1130 | | Received by (Signature) <i>[Signature]</i> | | | Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | | | | | |
| Relinquished by (Signature) | | Date / Time 1/19/99 930 | | Received by (Signature) <i>[Signature]</i> | | | Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | | | | | |
| Relinquished by (Signature) | | Date / Time | | Received for Laboratory by (Signature) | | | Date / Time | | Remarks KJ6103/020601RAG1 | | | | | | | | |
| Shipped by | | | | Airbill Number | | | | | | FED Ex #803644185260 | | | | | | | |

Distribution White Accompanies Shipment Pink to Coordinator Field Files

Green to Report Yellow Returns with Warrant

EMSL Analytical, Inc.

2501 Central Pkwy, C-13

Houston, TX 77092

Phone (713) 686-3635 Fax (713) 686-3645

EMSL

Attn: Jeff Wright
 Ecology & Environmental
 11550 Newcastle Avenue
 250
 Baton Rouge LA 70816

Friday February 05 1999

Ref Number TX99387

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601RAG1-WEST BANK ASBESTOS

| SAMPLE | LOCATION | APPEARANCE | SAMPLE TREATMENT | ASBESTOS | | NONASBESTOS | |
|------------|-------------|---------------------------------|---------------------|----------|---------------|--------------------------|----------------------|
| | | | | % | TYPE | % | FIBROUS % NONFIBROUS |
| WBS2027 S1 | PRE REMOVAL | Brown Fibrous Homogeneous | Teased | | None Detected | 2% Cellulose 2% Glass | 96% Other |

Comments: For all obviously heterogeneous samples easily separated into subsamples and for layered samples, each component is analyzed separately. Also, # of Layers refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Curtis Gigg
 Analyst

Approved
 Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All NVLAP reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL Houston (NVLAP Air and Bulk #102106, Texas Dept. of Health #30-0159)

[illegible]

EMSL Analytical, Inc.

2501 Central Pkwy, C-13

Houston, TX 77092

Phone (713) 686-3635 Fax (713) 686-3645

EMSL

Attn Amanda Bordelar
Ecology & Environmental
11550 Newcastle Avenue
250
Baton Rouge LA 70816

Tuesday, January 11 2000

Ref Number TX0040

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601RAXX-WESTBANK ASBESTOS

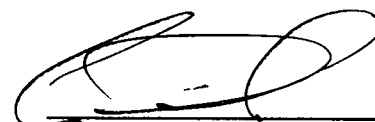
| Sample | Location | Appearance | Sample Treatment | ASBESTOS | | NON-ASBESTOS | |
|-------------|----------|-------------------------------------|------------------|----------|------------|--------------|---------------------|
| | | | | % | Type | % | Fibrous Non-Fibrous |
| WBS1053 G01 | | Brown Non Fibrous Homogeneous | Crushed | 3% | Chrysotile | 97% | Other |
| WBS1053 G02 | | Brown Non Fibrous Homogeneous | Crushed | 2% | Chrysotile | 98% | Other |
| WBS1053 G03 | | Brown Non Fibrous Homogeneous | Crushed | 5% | Chrysotile | 95% | Other |
| WBS531 G03 | | Brown Non Fibrous Homogeneous | Crushed | 2% | Chrysotile | 98% | Other |
| WBS2029 G01 | | Brown Non Fibrous Homogeneous | Crushed | 30% | Chrysotile | 70% | Other |
| WBS992 G05 | | Brown Non Fibrous Homogeneous | Crushed | 2% | Chrysotile | 98% | Other |

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately
Also # of Layers refers to number of separable subsamples

NY samples analyzed by ELAP 198 1 Method



Carlos D Salinas
Analyst



Approved
Signatory

Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos Thus negative PLM results cannot be guaranteed EMSL suggests that samples reported as <1 % or none detected be tested with either SEM or TEM The above test report relates only to the items tested This report may not be reproduced except in full without written approval by EMSL The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples

Analysis performed by EMSL Houston (NVLAP Air and Bulk #102106 Texas Dept of Health #30-0159)

Attn Amanda Bordelar
Ecology & Environmental
11550 Newcastle Avenue
250
Baton Rouge LA 70816

Tuesday January 11 2000

Ref Number TX0040

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601RAXX-WESTBANK ASBESTOS

| Sample | Location | Appearance | Sample Treatment | ASBESTOS | | NON-ASBESTOS | |
|-------------|----------|-------------------------------------|------------------|----------|--------------------------------|--------------|---------------|
| | | | | % | Type | % Fibrous | % Non-Fibrous |
| WBS2028 G01 | | Brown Non Fibrous Homogeneous | Crushed | 5% | Chrysotile | | 95% Other |
| WBS2028 G02 | | Brown Non Fibrous Homogeneous | Crushed | 30% | Chrysotile < 1% Crocidolite | | 70% Other |
| WBS2028 G03 | | Brown Non Fibrous Homogeneous | Crushed | 4% | Chrysotile | | 96% Other |
| WBS2028 G04 | | Brown Non Fibrous Homogeneous | Crushed | 2% | Chrysotile | | 98% Other |
| WBS2026 G01 | | Brown Non Fibrous Homogeneous | Crushed | < 1% | Chrysotile | | 100% Other |

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately
Also # of Layers refers to number of separable subsamples

NY samples analyzed by ELAP 198 1 Method



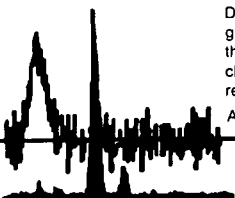
Carlos D Salinas
Analyst



Approved
Signatory

Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1 % or none detected be tested with either SEM or TEM. The above test report relates only to the items tested. This report may not be reproduced except in full without written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL Houston (NVLAP Air and Bulk #102106 Texas Dept of Health #30-0159)



OFFICIAL
CHAIN OF CUSTODY RECORD

PO# 113401

TAT 484/r

| PROJ NO 020601RAXX | | PROJECT NAME Westbank Asbestos | | | | NO OF CON TAINERS | REMARKS Asbestos (PLM) | | | | | | | | | | |
|---|------|-----------------------------------|------------------------------|------|--|----------------------------|-------------------------------|-----------------------------|--|--|-------------------------|--|-------------------------|--|--|--|-----------|
| SAMPLERS (Signature) Amanda Bodeler | | | | | | | | | | | | | | | | | |
| STA NO | DATE | TIME | COMP | GRAB | STATION LOCATION | | | | | | | | | | | | EPA Tag # |
| 1 | 1053 | 12-8-99 | 1450 | X | | WBS1053G01 | 1 | | | | | | | | | | 6-180400 |
| 2 | ↓ | ↓ | 1445 | X | | WBS1053G02 | 1 | | | | | | | | | | 6-180401 |
| 3 | ↓ | ↓ | 1440 | X | | WBS1053G03 | 1 | | | | | | | | | | 6-180402 |
| 4 | 531 | 12-9-99 | 1048 | X | | WBS531G03 | 1 | | | | | | | | | | 6-180413 |
| 5 | 2029 | 12-10-99 | 1020 | X | | WBS2029G01 | 1 | | | | | | | | | | 6-180412 |
| 6 | 992 | 12-10-99 | 1500 | X | | WBS992G05 | 1 | | | | | | | | | | 6-180414 |
| 7 | 2028 | 12-17-99 | 1402 | X | | WBS2028G01 | 1 | | | | | | | | | | 6-057823 |
| 8 | ↓ | ↓ | 1408 | X | | WBS2028G02 | 1 | | | | | | | | | | 6-057824 |
| 9 | ↓ | ↓ | 1415 | X | | WBS2028G03 | 1 | | | | | | | | | | 6-057825 |
| 10 | ↓ | ↓ | 1420 | X | | WBS2028G04 | 1 | | | | | | | | | | 6-057826 |
| 11 | 2026 | 12-21-99 | 0830 | X | | WBS2026G01 | 1 | | | | | | | | | | 6-180410 |
| | | | | | | Amanda Bodeler | | | | | | | | | | | |
| Relinquished by (Signature) Amanda Bodeler | | | Date / Time 12-21-99 1400 | | Received by (Signature) [Signature] | | | Relinquished by (Signature) | | | Date / Time 10600230 | | Received by (Signature) | | | | |
| Relinquished by (Signature) | | | Date / Time | | Received by (Signature) | | | Relinquished by (Signature) | | | Date / Time | | Received by (Signature) | | | | |
| Relinquished by (Signature) | | | Date / Time | | Received for Laboratory by (Signature) | | | Date / Time | | Remarks all all P.O. to 020601RAXX | | | | | | | |
| Shipped by Fed Ex | | | | | Airbill Number 812756869469 | | | | | | | | | | | | |

Distribution White Accompanies Shipment Pink to Coordinator Field Files

Green to Report Yellow Returns with Warrant

1000-10